P.O. 1910 Vernal, UT 84078

May 19, 2005

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL

WILD HORSE FEDERAL 116-34

NE/SE, SEC. 34, T10S, R19E UINTAH COUNTY, UTAH

LEASE NO.: U-3405 FEDERAL LANDS RECEIVED

MAY 2 3 2005

DIV. OF OIL, GAS & MINING

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter

P.O. Box 1910

Vernal, UT 84078

Phone: (435)789-4120 Fax: (435)789-1420

Sincerely

Agent

EOG Resources, Inc.

Attachments

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

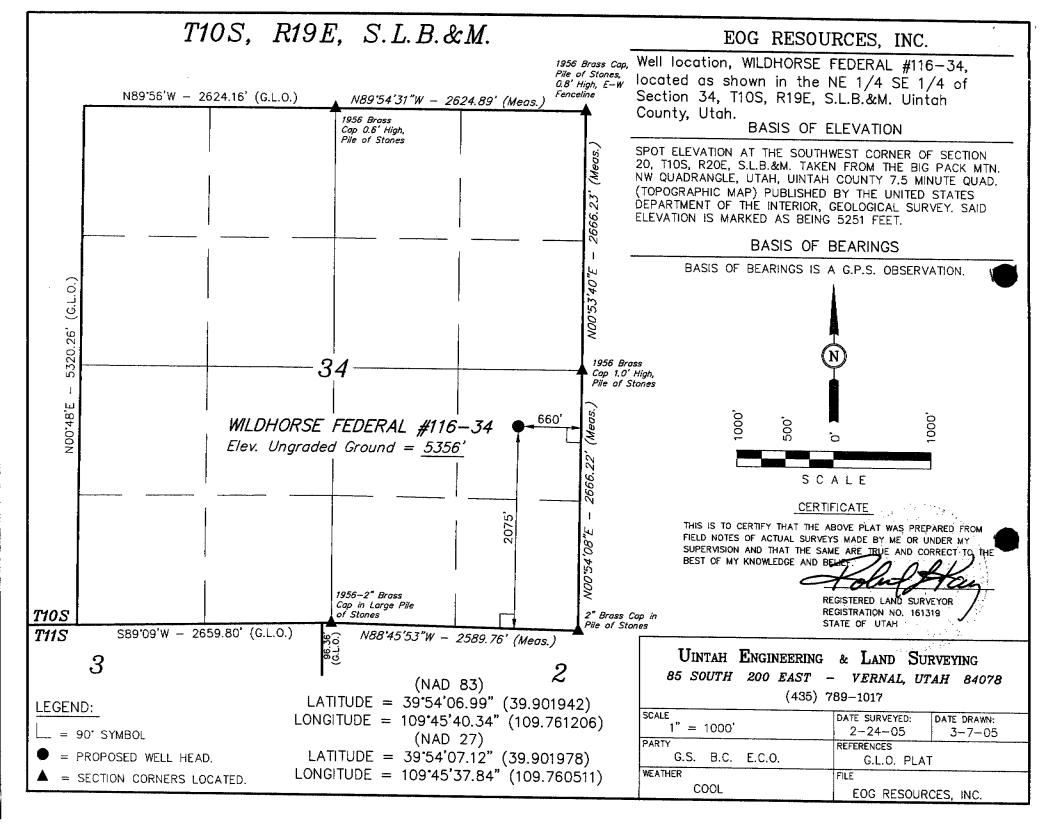
FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

	5.	Lease	Serial	No.	
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•	Lease	Seriai	NO.
	U-	<u>-340</u>	5

U U 1 APPLICATION FOR PER	MIT TO DRILL OR REENT	ER	mulan, Anottee	of Tribe Name
la. Type of Work: X DRILL	REENTER	7. If 1	Unit or CA Agre	ement, Name and No.
1b. Type of Weil: Oil Well X Gas Well On	her Single Zone X Multiple Zone		ase Name and W	/ell No. FEDERAL 116-34
2. Name of Operator EOG RESOURCES, INC.			I Well No.	47-36746
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790		and Pool, or Ex	ploratory
4. Location of Well (Report location clearly and in accordance At surface 2075' FSL, 660' FEL 410 At proposed prod. Zone	ance with any State requirements.*) 39.9019 NE/SE 1174004 NE/SE	11. Sec.,	T., R., M., or B C. 34, T10 S.L.B.&N	S, R19E,
 14. Distance in miles and direction from nearest town or po 23.08 MILES SOUTHWEST OF O 15. Distance from proposed* 	URAY, UTAH	L UI	y or Parish	13. State
location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)	16. No. of Acres in lease 1600	17. Spacing U	Init dedicated to	MAY 2 3 2005
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth 8050 ^c	20. BLM/BIA NM-2	Bond No. on [3]	V. OF OIL, GAS & MINING
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5354.7 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mated 45 DA	
Attachments The following completed in accordance with the remain	24. Attachments			
1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Fo SUPO shall be filed with the appropriate Forest Serv	4. Bond to cover the (see Item 20 ab	operations unless ove). on. ific information a	covered by an e	
Title Title	Name (Printed/Typed) Ed Trotter		I	Date May 19, 2005
Agent				. 14
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HIL ENVIRONMENTAL SCIENTIS	T III	Date ©	-26-05
Title	Office	- 4 148		
pplication approval does not warrant or certify that the application of the opposition of the contract of the	ant holds legal or equitable title to those rights	in the subject leas	e which would	entitle the applicant to

Conditions of Approval, if any, are attached.



WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	2,361
Wasatch	4,315'
Chapita Wells	4,929'
Buck Canyon	5,635'
North Horn	6,532'
KMV Price River	7,873

EST. TD: 8,050'

Anticipated BHP 3500 PSI

3. PRESSURE CONTROL EQUIPMENT:

Intermediate Hole – 3000 PSIG Production Hole – 3000 PSIG BOP Schematic Diagrams attached.

4. CASING PROGRAM:

							KATI	<u>NG FACTU</u>	<u>)K</u>
HOLE SIZE	<u>INTERVAL</u>	LENGTH	<u>SIZE</u>	<u>WEIGHT</u>	GRADE	THREAD	COLLAPS	SE BURST T	<u>FENSILE</u>
17 ½"	0' - 250'	250'	13 %"	48.0#	H-40	STC	770 PSI	1730 PSI 3	322,000#
12 1/4"	250' - 2300'+/- KB	2300' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2300' – TD +/-KB	8,050' +/-	4 ½"	11.6#	N-80	LT&C	6350 PSI	7780 PSI	223.000#

Note: The 12 1/4" Intermediate hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/4" casing will be set to that depth. Actual setting depth of the 9 5/4" casing may be less than 2300' in this well.

All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0-250' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5 - 10' above shoe, every collar for next 3 joints (4 total).

Intermediate Hole Procedure (250'-±2300')

Guide Shoe

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

Float Equipment (Continued):

Production Hole Procedure (± 2300'-TD'):

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at \pm 7,873' (Top of Price River) and \pm 3,900' (400' above the Wasatch) (alter depth if needed to avoid placing across any potentially-productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Price River top (\pm 30 total). Thread lock FS, top and bottom of FC, and top of 2^{nd} joint.

6. MUD PROGRAM

Surface Hole Procedure (0-250' below GL):

Air – Air Water Mist

Intermediate Hole Procedure (250'-± 2300'):

Water (circulate through reserve pit) with Gel/LCM sweeps.

Production Hole Procedure (± 2300'-TD):

±2300-7500' Use water (circulated through reserve pit) with PHPA polymer sweeps on a regular basis. Adjust frequency of sweeps based on cuttings quality and hole conditions. Gel/LCM sweeps can also be used for additional cleaning and for reducing seepage, but should not be "substituted" for the PHPA sweeps.

While on water, spot either salt water or pre-mixed weighted mud as required to prevent flow during trips after gas influxes have been encountered. Watch cuttings size, shape and quantity to determine if increase in mud weight is required. <u>Increased mud weight is often the key to shale stability in this area</u>. Treat for any CO₂ contamination with Lime and Gyp.

7500'- TD' Close mud system in. "Mud up" with Hi-Yield bentonite for primary viscosity and PHPA polymer for supplemental viscosity and clay encapsulation/inhibition. Utilize white Starch or PAC for filtration control. Treat with bactericide if required. Maintain pH in 9.0-10.0 range.

Expect increasing gas influxes requiring heavier mud weights as drilling progresses. Adjust mud weight as needed. Use deflocculants/thinners if required to maintain good flow properties.

Run LCM sweeps periodically to seal-off loss zones. Adjust sweep frequency based on observed losses. Maintain water loss 15 cc's or less. Treat CO₂ contamination with Lime and/or Gypsum.

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7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

8. EVALUATION PROGRAM:

Logs: No Open Hole Logs
Cased Hole Logs.

9. CEMENT PROGRAM:

Surface Hole Procedure (0-250' Below GL)

Lead: 300 sks (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft³./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft³./sk., 4.95 gps via 1" tubing set at 25' if needed.

Intermediate Hole Procedure (250'-± 2300'):

Option #1

Lead: 85 sks: (50% excess volume) Class 'G' lead cement (coverage from 1700-1000') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft³/sk., 24.5 gps water.

Tail: 290 sks: (50% excess volume) Class 'G' cement (coverage from 2700-1700') with 10% D53 (Gypsum), 2% S1 (CaCl2) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft³/sk., 7.9 gps water.

Option 2:

Lead: 210 sks: (60% excess volume) Class 'G' lead cement (coverage from 2300-1800') with 2% BWOC (Calcium Chloride), ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

Tail: 720 sks: (60% excess volume) Class 'G' cement (coverage from 1800'-Surface) with 2% BWOC (Calcium Chloride), 1/4#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps water.

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CEMENT PROGRAM (Continued):

Production Hole Procedure (± 2300' to TD)

Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 ft³/sk., 9.06 gps water

Tail: 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft³/sk., 5.9 gps water.

10. ABNORMAL CONDITIONS:

Intermediate Hole (250'-± 2300'):

Lost circulation

Production Hole (± 2300'-TD):

Sloughing shales and key seat development are possible in the Wasatch Formation.

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. <u>HAZARDOUS CHEMICALS:</u>

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

3000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11" 3000 PSIG RATED. **ROTATING HEAD** BOPE 11" 3000 PSIG TESTING PROCEDURE: FLOW LINE 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig. 3. Annular preventor will be tested to 50% of working pressure, 1500 psig. 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst ANNULAR strength, whichever is greater. **PREVENTER** 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications. PIPE RAMS **CHOKE MANIFOLD** 2" MIN ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT **BLIND RAMS** 3" MINIMUM RATED 3000 PSIG 3" MINIMUM 2" KILL LINE BLEED LINE TO PIT 3" DIAMETER **CASING FLANGE** 2" MINIMUM SPOOL 11" 3000 PSIG TO MUD/GAS SEPARATOR ADJUSTABLE CHOKE OR PIT (Note: Blind Rams may be installed above or below the pipe rams)

CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Wild Horse Federal 116-34

Lease Number:

U-3405

Location:

2075' FSL & 660' FEL, NE/SE, Sec. 34,

T10S, R19E, S.L.B.&M., Uintah County, Utah

Surface Ownership:

Federal

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

Equipment Tests

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 23.08 miles southwest of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.2 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 1*
- B. Producing wells 6*
- C. Shut in wells 4*

(*See attached TOPO map "C" for location)

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 4" OD steel above ground natural gas pipeline will be laid approximately 1540' from proposed location to a point in the SW/NW of Section 35, T10S, R19E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands, thus a Right-of-Way grant will be required.
- 3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the West side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

7. METHODS OF HANDLING WASTE DISPOSAL

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 12 millimeter plastic liner.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The approved seed mixture for this location is:

Gardner Saltbush – 3 pounds per acre Shadscale – 3 pounds per acre Indian Rice Grass - 2 pounds per acre Hi-Crest Crested Wheat Grass – 1 pound per acre

The reserve pit will be located on the Southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil West of Corners B and 5. The stockpiled location topsoil will be stored from Corner #2 to Corner #8. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the East.

Corner #8 will be rounded off to minimize excavation.

FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

Access road: Federal Location: Federal

12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - whether the materials appear eligible for the National Register of Historic Places:
 - the mitigation measures the operator will likely have to undertake before the site can be used.
 - a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification

from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

X No construction of access road or location shall be conducted during wet weather due to critical soils stipulations.

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING AGENT

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Telephone: (435)789-4120

Fax: (435)789-1420

DRILLING OPERATIONS

Donald Presenkowski EOG Resources, Inc.

P.O. Box 250

Big Piney, WY 83113 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Wild Horse Federal 116-34 Well, located in the NE/SE of Section 34, T10S, R19E, Uintah County, Utah; Lease #U-3405; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

Agent Agent

5-19-200

Date

9

EOG RESOURCES, INC. WILDHORSE FEDERAL #116-34 SECTION 34, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT PROCEED IN A WESTERLY, THEN SOUTHWESTERLY APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN LEFT AND PROCEED IN A SOUTHERLY, THEN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN \mathbf{A} SOUTHWESTERLY, THEN SOUTHERLY APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATLEY 400' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 54.0 MILES.

EOG RESOURCES, INC.

WILDHORSE FEDERAL #116-34

LOCATED IN UINTAH COUNTY, UTAH SECTION 34, T10S, R19E, S.L.B.&M.

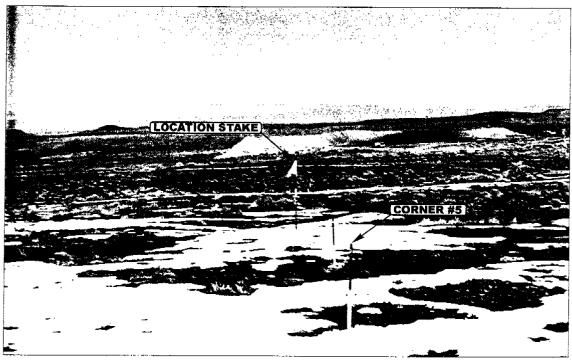


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY

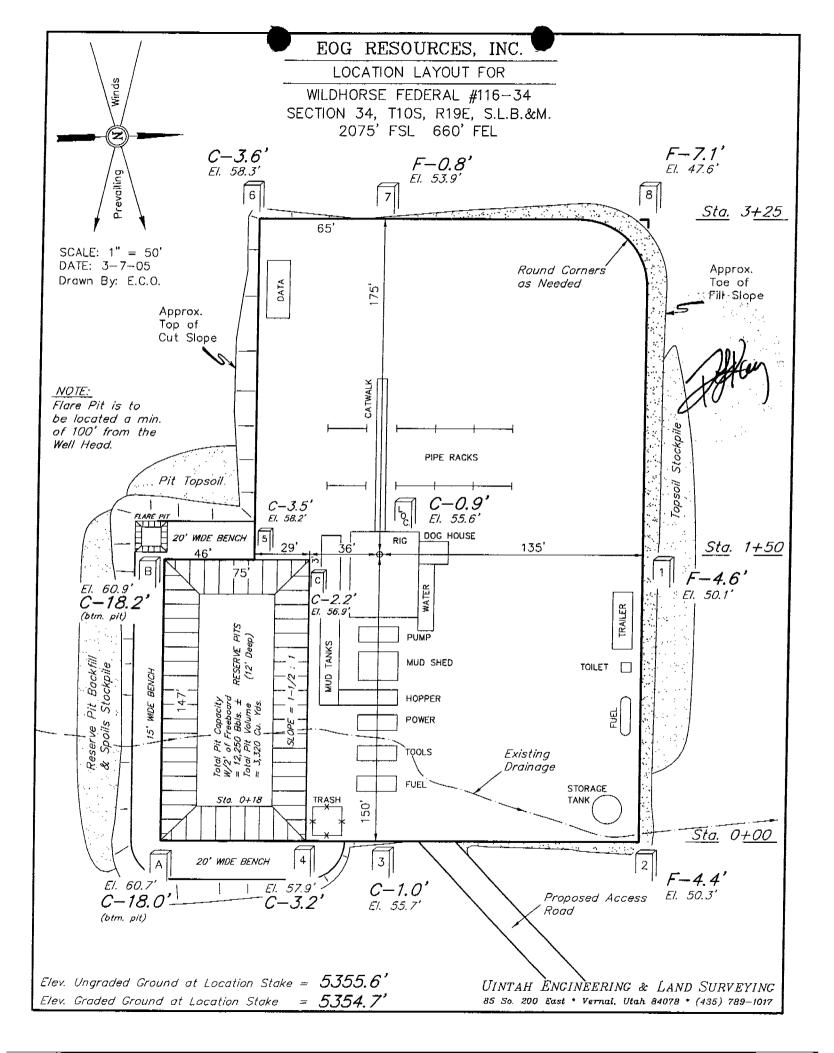


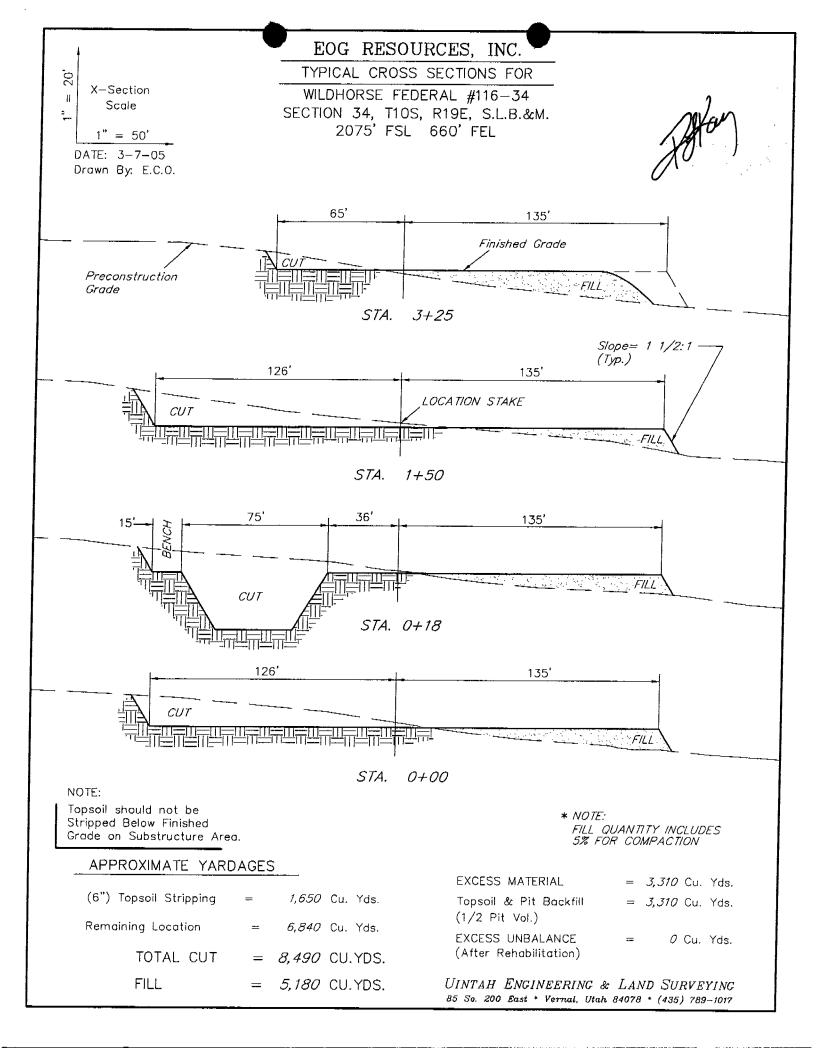
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

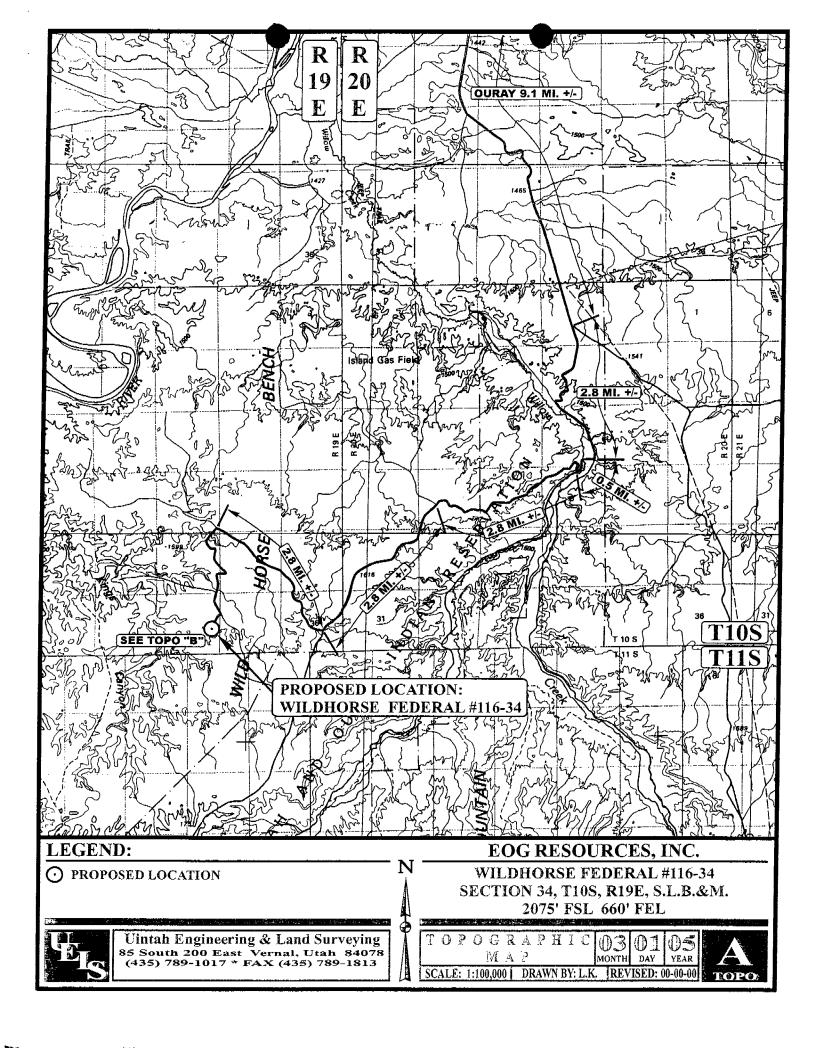
LOCATION PHOTOS

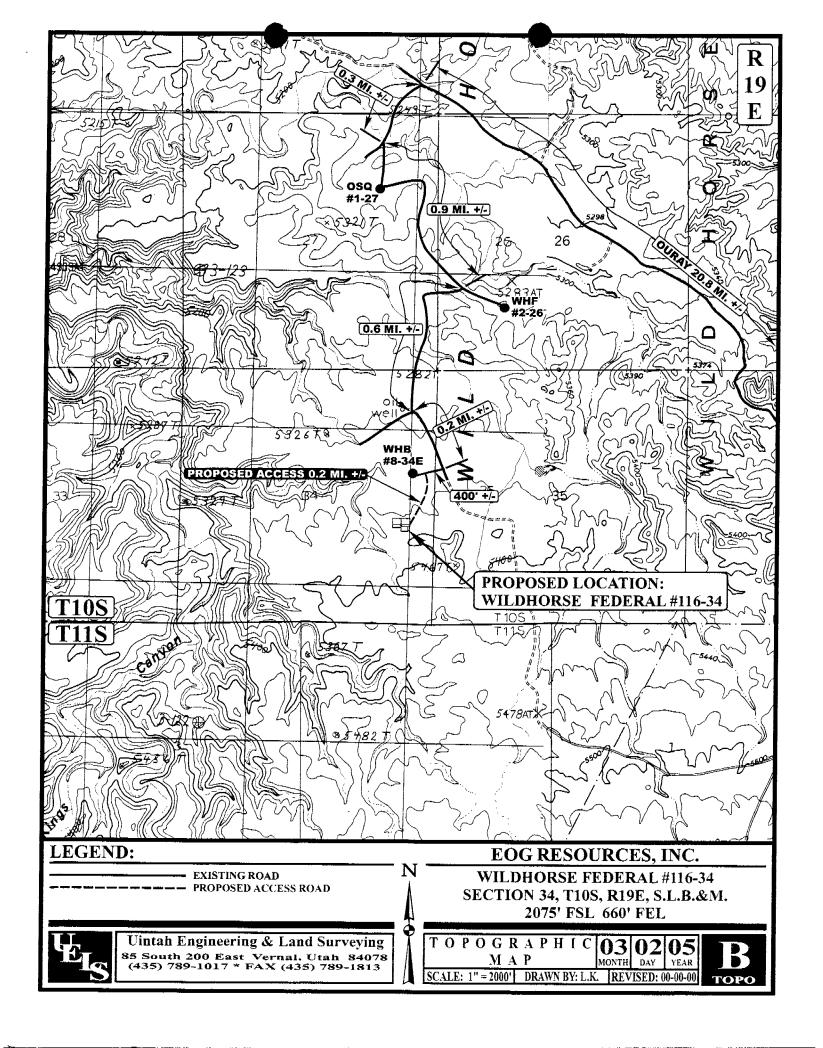
TAKEN BY: G.S. DRAWN BY: L.K. REVISED: 00-00-00

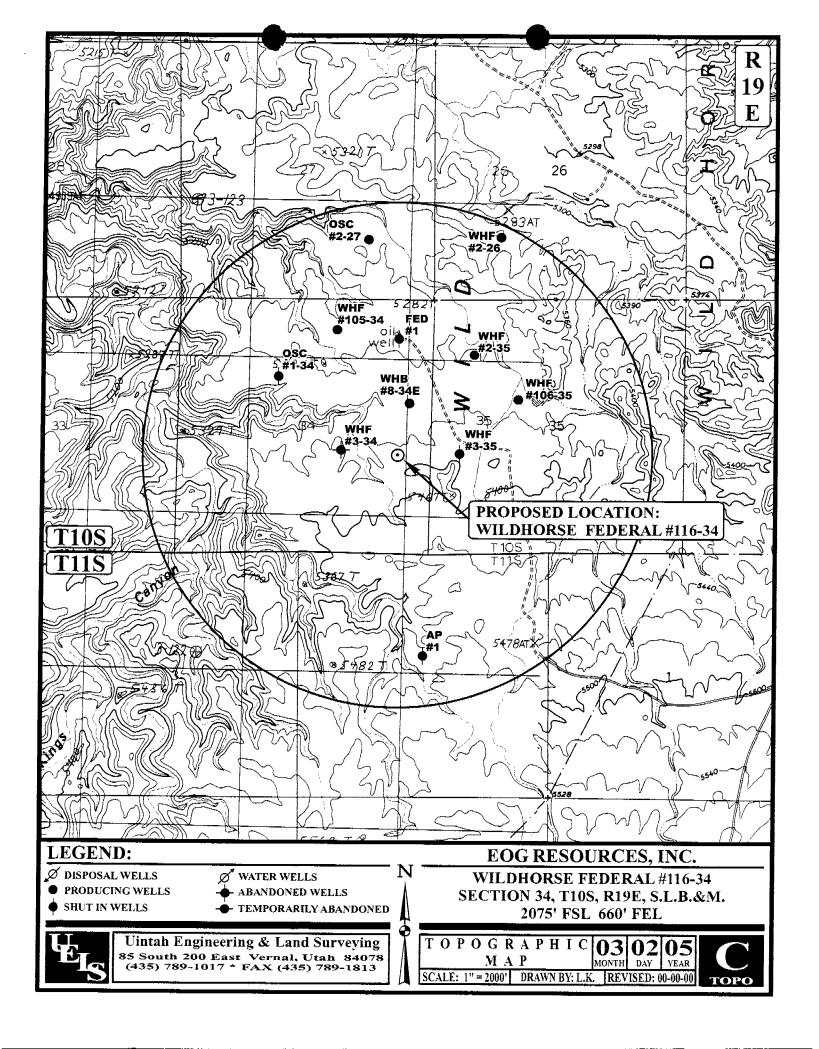
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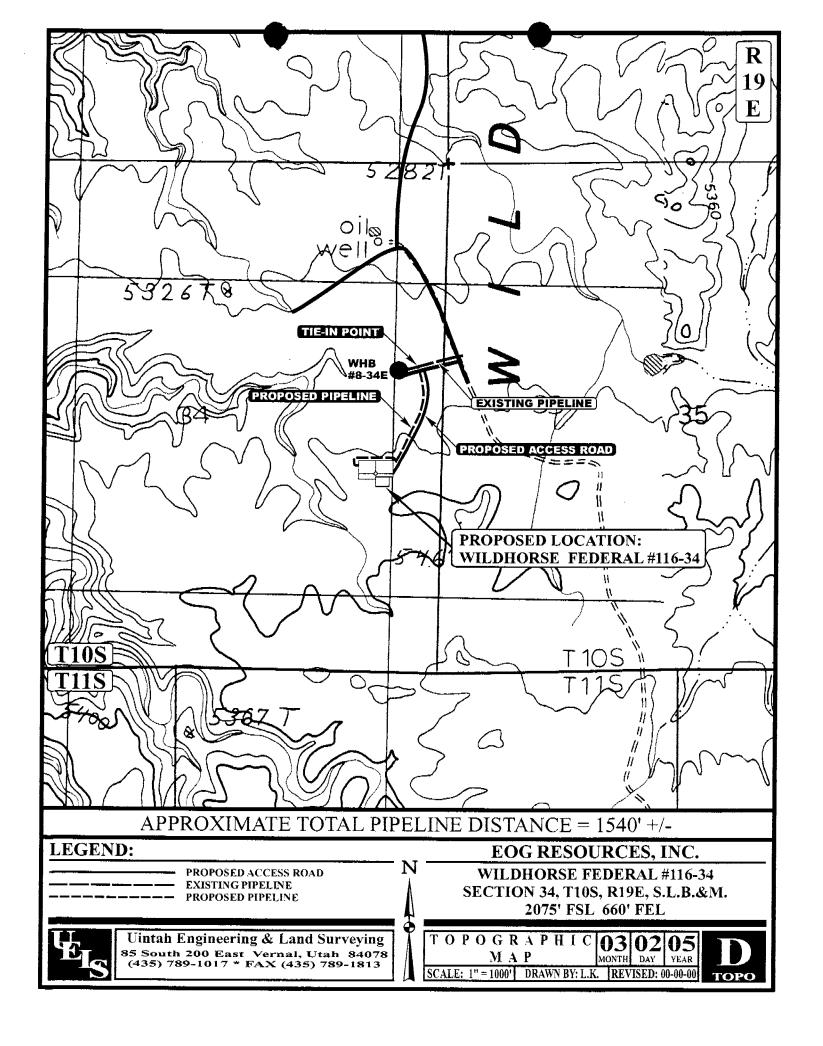




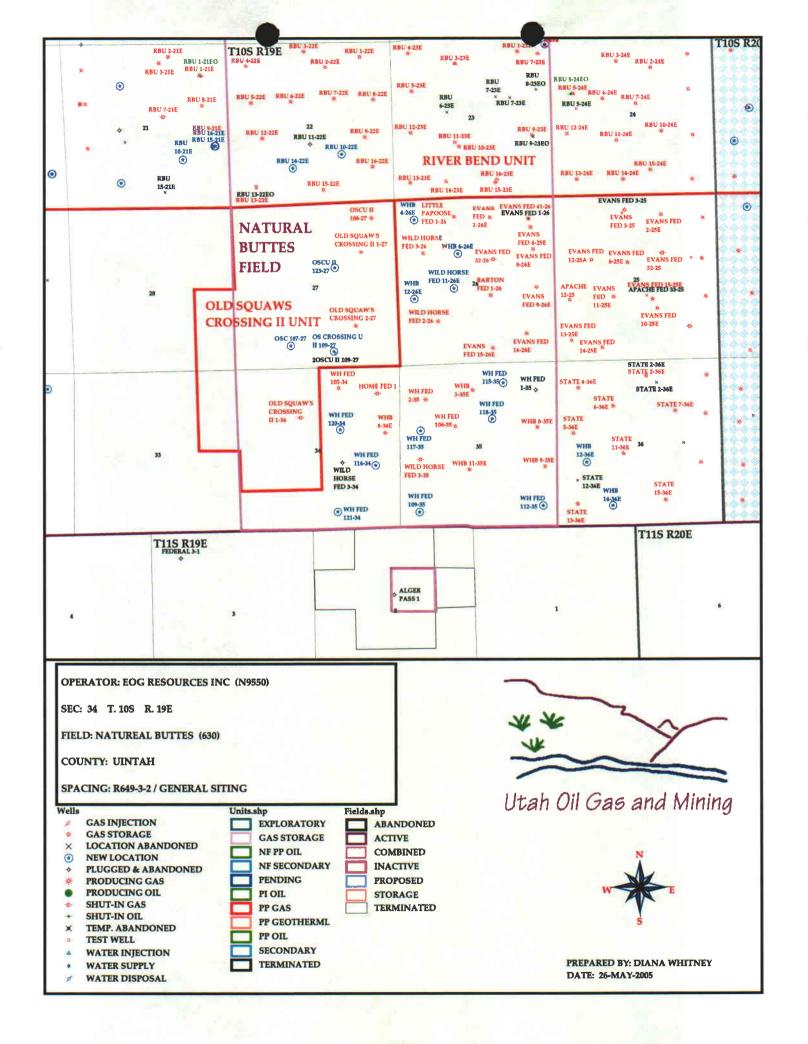








APD RECEIVED: 05/23/2005	API NO. ASSIGNE	ED: 43-047-3674	:6		
WELL NAME: WH FED 116-34 OPERATOR: EOG RESOURCES INC (N9550) CONTACT: ED TROTTER	PHONE NUMBER: 4	35-789-4120			
PROPOSED LOCATION: NESE 34 100S 190E	INSPECT LOCATN	BY: / /			
SURFACE: 2075 FSL 0660 FEL BOTTOM: 2075 FSL 0660 FEL	Tech Review Initials Date				
UINTAH	Engineering				
NATURAL BUTTES (630)	Geology				
LEASE TYPE: 1 - Federal	Surface				
LEASE NUMBER: U-3405 SURFACE OWNER: 1 - Federal PROPOSED FORMATION: PRRV COALBED METHANE WELL? NO	LATITUDE: 39.90195 LONGITUDE: -109.7605				
### RECEIVED AND/OR REVIEWED: ✓ Plat ✓ Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM-2308	R649-3-3. F Drilling Uni Board Cause Eff Date: Siting:	General rom Qtr/Qtr & 920' Exception	Between Wells		
STIPULATIONS: 1- Space					





State of Utah

Department of **Natural Resources**

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director



Governor

GARY R. HERBERT Lieutenant Governor

May 26, 2005

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re:

Wild Horse Federal 116-34 Well, 2075' FSL, 660' FEL, NE SE, Sec. 34, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36746.

Sincerely,

Gil Hunt

Acting Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	EOG R	esources, Inc.	
Well Name & Number	Wild He	orse Federal 116-34	
API Number:	43-047-	36746	
Lease:	U-3405		
Location: NE SE	Sec. 34	T. 10 South	R. 19 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3 (April 2004)

UNITED STATES DEPARTMENT OF THE INTERIORY 2 0 2005 BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

	5.	Lease	Serial	No.
--	----	-------	--------	-----

T	T_2	41	15

BUKEAU OF LA	ND MANAGEMEN I		J-34U3	
APPLICATION FOR PERM	IIT TO DRILL OR REENTE		Indian, Allottee o	or Tribe Name
la. Type of Work: X DRILL	REENTER	7. If	Unit or CA Agre	ement, Name and No.
1b. Type of Well: ☐ Oil Well	er Single Zone X Multiple Zone		ase Name and W	eli No. FEDERAL 116-34
2. Name of Operator		9. Al	PI Well No.	
EOG RESOURCES, INC.		4	3:047	36746
3a. Address P.O. BOX 1815 VERNAL, UT 84078	3b. Phone No. (Include area code) (435)789-0790		d and Pool, or Ex	-
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec	, T., R., M., or E	Blk. and Survey or Area
At surface 2075' FSL, 660' FEL At proposed prod. Zone	NE/SE	SI	EC. 34, T10 S.L.B.&N	
14. Distance in miles and direction from nearest town or pos 23.08 MILES SOUTHWEST OF O		J	nty or Parish	13. State UTAH
15. Distance from proposed* location to nearest	16. No. of Acres in lease	l	Unit dedicated to	this well
property or lease line, ft. (Also to nearest drig. Unit line, if any)	1600	40		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Map C	19. Proposed Depth 8050	l	A Bond No. on fi -2308	ile
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5354.7 FEET GRADED GROUND	22. Approximate date work will start* UPON APPROVAL		23. Esti mateo 45 DA	
	24. Attachments	·		
Attachments The following, completed in accordance with the require 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest Surveyor).	4. Bond to cover the (see Item 20 aborest System Lands, the 5. Operator certificat	operations unle ove). ion.	ess covered by an	existing bond on file
Serie Billian de Made Willia de appropriate Forescensor	by the authoriz			
25. Signature	Name (Printed/Typed) Ed Trotter			Date May 19, 2005
Title Agent				
Approved by (Signabure)	Name (Printed/Typed) RECE	EIVED	Date	las book
Title Assistant Frend Manager Mineral Resources	Office DEC 1	6 2005	14	o o jewy
Application approval does not warrant or certify that the application operations thereon. Conditions of Approval, if any, are attached.	licant holds legal or equitable title to those right	AS & MINING	lease which wou	ld entitle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 12	12, make it a crime for any person knowingly a	nd willfully to	make to any depa	rtment or agency of the

*(Instructions on page 2)

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Page 1 of 6 Well: Wild Horse Fed 116-34 12/7/2005



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

EQG

Location:

NESE, Sec 34, T10S, R19E

WHF 116-34 Lease No:

UTU-3405

API No: 43-047

43-047-36746

Agreement:

N/A

Petroleum Engineer: Petroleum Engineer:

er: M

Matt Baker Office: 435-781-4490 Michael Lee Office: 435-781-4432

Cell: 435-828-4470 Cell: 435-828-7875

Supervisory Petroleum Technician: Environmental Scientist:

Jamie Sparger Paul Buhler Office: 435-781-4502 Office: 435-781-4475 Cell: 435-828-3913 Cell: 435-828-4029

Environmental Scientist:

Karl Wright Holly Villa Office: 435-781-4484 Office: 435-781-4404

Natural Resource Specialist: Natural Resource Specialist:

Melissa Hawk

Office: 435-781-4476

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Paul Buhler)

- Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Paul Buhler)

- Prior to moving on the drilling rig.

Spud Notice (Notify PE)

(Notify SPT

- Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing

- Twenty-Four (24) hours prior to running casing and cementing) all casing strings.

BOP & Related Equipment Tests (Notify SPT)

- Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify PE)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: Wild Horse Fed 116-34 12/7/2005

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

The pipeline shall be buried within the identified construction width of an access corridor that contains the access road and pipelines. The operator may request in writing an exception to this COA. Exceptions to this COA may include but are not limited to: laterally extensive, hard indurated bedrock, such as sandstone, which is at or within 2 feet of the surface; and, soil types with a poor history for successful rehabilitation. The exception request will be reviewed by the authorized officer (AO) and a determination made.

Prior to abandonment of a buried pipeline, the operator will obtain authorization from the appropriate regulatory agency. BLM will determine whether the pipeline and all above ground pipeline facilities shall be removed and unsalvageable materials disposed of at approved sites or abandoned in place. Reshaping and revegetation of disturbed land areas will be completed where necessary.

Page 3 of 6 Well: Wild Horse Fed 116-34 12/7/2005

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

Top of cement for the production casing shall be at a minimum of 2100'.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least</u>
 24 hours in advance of casing cementing operations and BOPE & casing pressure
 tests.
- 4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- 6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status

Page 4 of 6 Well: Wild Horse Fed 116-34 12/7/2005

without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration

Page 5 of 6 Well: Wild Horse Fed 116-34 12/7/2005

and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - g. Unit agreement and / or participating area name and number, if applicable.
 - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized

Page 6 of 6 Well: Wild Horse Fed 116-34 12/7/2005

90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS AND MINING

	DIVISION OF OIL, GAS AND MIN	_	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDR	NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne drill horizontal lat	ew wells, significantly deepen existing wells below curre terals. Use APPLICATION FOR PERMIT TO DRILL for	ent bottom-hole depth, reenter plugged wells, or to rm for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER _		8. WELL NAME and NUMBER: WILD HORSE FEDERAL 116-34
2. NAME OF OPERATOR:			9. API NUMBER:
EOG RESOURCES, INC. 3. ADDRESS OF OPERATOR:		PHONE NUMBER:	43-047-36746 10. FIELD AND POOL, OR WILDCAT:
	, VERNAL STATE UT 15 E		NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2075 F	SL 660 FEL 39.901942 LAT 109.	.761203 LON	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANG		9E S.L.B. & M	STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICATI	E NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
✓ NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION OPERATOR CHANGE	TUBING REPAIR
	CHANGE TO PREVIOUS PLANS	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE TUBING CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	✓ OTHER: APD EXTENSION
	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	REQUEST
12 DESCRIBE PROPOSED OF CO	OMPLETED OPERATIONS. Clearly show all pe	ertinent details including dates, depths, volum	nes. etc.
	pectfully requests the APD for the		
		a bu the	
	gates access to	Approved by the Utah Division of Oil, Gas and Mining	
	· «	Oil, Gas and Olion A	
06-21-0 CHD	Date By:	Sage	•
	· ·		
NAME (PLEASE PRINT) Kaylene R	. Gardner	TITLE Regulatory Assis	stant
SIGNATURE JOHN SIGNATURE	pudin	DATE 5/11/2006	
(This space for State use only)			

RECEIVED MAY 1 2 2006

Application for Permit to Drill Request for Permit Extension

Validation (this form should accompany the Sundry Notice requesting permit extension)

	43-047-36746 WILD HORSE FEI 2075 FSL 660 FEL rmit Issued to: Permit Issued:	(NESE), SECTION 34, T109 EOG RESOURCES, INC.	S, R19E S.L.B.&M
above, hereby	verifies that the	h legal rights to drill on information as submitte emains valid and does r	the property as permitted ed in the previously not require revision.
Following is a verified.	checklist of some	ne items related to the a	pplication, which should be
	rivate land, has t en updated? Yes	the ownership changed s □ No □	I, if so, has the surface
		the vicinity of the propo ents for this location? Y	osed well which would affectes No ☑
		ner agreements put in p proposed well? Yes⊡ N	lace that could affect the No☑
		to the access route inc proposed location? Yes	cluding ownership, or right- s □ No ☑
Has the appro	ved source of wa	ater for drilling changed	d? Yes□No☑
Have there be which will requevaluation? Ye	uire a change in p	changes to the surface plans from what was di	e location or access route iscussed at the onsite
Is bonding still	l in place, which	covers this proposed w	vell? Yes☑No□
Signature	January		5/11/2006 Date
V Title: REGULA	ATORY ASSISTAN	<u>T</u>	
Representing:	EOG RESOURCI	es, inc.	-
			RECEVED

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Co	mpany:	EOG RES	OURCES INC			
Well Name:		WH FED	116-34			
Api No:	43-047-36	746	Lease Type:_	FEI	ERAL	
Section 34	Township_	10S Range	19E C	County	JINTAH	
Drilling Con	tractor R	OCKY MOUNT	TAIN DRLG	RIG #_	1	
SPUDDE						
	Date	08/30/06				
	Time	10:00 AM				
	How	DRY				
Drilling wi	ill Commer	nce:				
Reported by		DALL COO	K			
Telephone #		(435) 828-36	30			
Date 0	9/05/ <u>06</u> Sig	gned <u>Cl</u>	HD			

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM	APPROVED	
OMBN	lo. 1004-0137 March 31, 20	
Expires:	March 31, 20	Ļ

Contrary 2003)	DEPARTMENT OF THE	INTERIOR		<u> </u>	expires: March 51, 2007
E	BUREAU OF LAND MAN	AGEMENT		5. Lease Serial	No.
CHINDDA	NOTICES AND REP	ORTS ON WE	LLS	U-3405	
Do not use th	ils form for proposals to ell. Use Form 3160 - 3 (A	o drill or to re-e	enter an	6. If Indian,	Allottee or Tribe Name
SUBMIT IN TR	IPLICATE- Other instr	ructions on reve	rse side.	7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Nam	
2. Name of Operator EOG Reso	urces, Inc.			9. API Wel	
3a Address 600 17th Street, Suite 1000N, I	Denver, CO 80202	3b. Phone No. (included 303-824-5526	le area code)		Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,					Buttes/Wasatch/MV
2075' FSL & 660' FEL (NE/S Sec. 34-T10S-R19E 39.90194	E)				r Parish, State County, Ut
12, CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE,	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			PE OF ACTION		
Notice of Intent	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production Reclamation Recomplete	(Start/Resume)	Water Shut-Off Well Integrity Other Well spud
Subsequent Report	Change Plans	Plug and Abandon	Temporarily		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo		rk and approximate duration thereof
testing has been completed. F determined that the site is read The referenced well sput	inal Abandonment Notices must be ly for final inspection.)	e filed only after all requi	rements, including rec	clamation, have bee	l, a Form 3160-4 must be filed once in completed, and the operator has
14. Thereby certify that the fo Name (Printed/Typed)		Title	Regulatory Assist	ant	
Mary A. Maes	(1) 1 V			08/31/2006	
Signature Mass	U. Waer Pa	Date FEDERAL OR	STATE OFFI		
) THIS SPACE FOR	FEDERAL OR	VIAIL VIII		
Approved by			Title		Date
Conditions of approval, if any, a certify that the applicant holds le	re attached. Approval of this notic gal or equitable title to those right t to conduct operations thereon.	s in the subject lease	Office		Af the United
Title 18 U.S.C. Section 1001 and 1 States any false fictitious or fran	Title 43 U.S.C. Section 1212, make idulent statements or representation	it a crime for any person ns as to any matter within	i knowingly and will i its jurisdiction.	fully to make to a	ny department or agency of the United

(Instructions on page 2)

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Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

	PPROVED
OM B No.	1004-0137
Expires: M	. 1004-0137 Iarch 31, 2001

SUNDRY N Do not use this	REAU OF LAND MAN NOTICES AND REI Torm for proposals t Use Form 3160-3 (PORTS ON WEL	nter an	Lease Serial No. U-3405 If Indian, Affortee or Tribe Name
	LICATE- Other insti	ructions on rever	se side.	7. If Unit or CA/Agreement, Name and/or No.
2 Nome of Operator	Gas Well Other			8. Well Name and No. Wild Horse Federal 116-34
EUG Resource	ces, Inc.	· · · · · · · · · · · · · · · · · · ·		9. API Well No. 43-047-36746
3a. Address 600 17th Street, Suite 1000N, Der	rver. CO 80202	3b. Phone No. (include 303-824-5526	area code)	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T.,				Natural Buttes/Wasatch/MV
2075' FSL & 660' FEL (NE/SE) Sec. 34-T10S-R19E 39.901942 L				11. County or Parish, State Uintah County, Ut
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYP	E OF ACTION	
Notice of Intent Subsequent Report Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sureclamation) Reclamation Recomplete Temporarily Al	Well Integrity Other
If the proposal is to deepen directi Attach the Bond under which the following completion of the invol- testing has been completed. Final determined that the site is ready for	ionally or recomplete horizontal work will be performed or prov yed operations. If the operation Abandonment Notices must be or final inspection.)	ly, give subsurface location ide the Bond No. on file won results in a multiple complete filed only after all requires	ns and measured and the rith BLM/BIA. Require letion or recompletion ments, including reclan	ny proposed work and approximate duration thereof, ue vertical depths of all pertinent markers and zones, ed subsequent reports must be filed within 30 days in a new interval, a Form 3160-4 must be filed once nation, have been completed, and the operator has rell to any of the following locations.

3. RN Industries.

Accepted by the Utah Division of Oil, Gen and Mining FOR RECORD ONLY

I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Mary A. Maestus	Title	Regulatory Assistant	
Signature Marie a. Marie	Date	08/31/2006	
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	it or ise	Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any states any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and willfully to make to a its jurisdiction.	ny department or agency of the United

(Instructions on page 2)

SEP 0 5 2006

PER OF OF OR GAS & MINING
SEP 0 5 2006

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

FN	JTI	TY	΄ Δ	CT	ON	J F	ORN	į

zip 80202

Operator:

EOG Resources, Inc.

Operator Account Number: N 9550

Address:

600 17th St., Suite 1000N

city Denver

state CO

Phone Number: (303) 824-5526

Well 1

Well			Well Name QQ Sec Twp Rng Coun			County
Chapita Wells Unit 1			NESE 14 9S 22E Uir	-14 NESE 14 9S 22E	Uintah	
Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
99999	15615	8	3/30/200	6	9,	17/06
	Chapita Wells Unit 1 Current Entity Number	Chapita Wells Unit 1060-14 Current Entity Number New Entity Number	Chapita Wells Unit 1060-14 Current Entity Number New Entity Number S Occupant A F / A	Chapita Wells Unit 1060-14 Current Entity Number New Entity Number Spud Date	Chapita Wells Unit 1060-14 Current Entity Number NESE 14 9S Spud Date Namber New Entity Number New Entity Number New Entity Number	Chapita Wells Unit 1060-14 Current Entity Number New Entity Number Spud Date Enti Process Process

omments: PREU = MVRD

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-36746	Wild Horse Federal	116-34	NESE 34 10S Spud Date 8/30/2006		19E Uintah Entity Assignment Effective Date		
Action Code	Current Entity Number	New Entity Number					
Α	99999	15616			9/1/06		

Well 3

API Number	er Well Name		Well Name QQ Sec		Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date		
Comments:					<u></u>	<u> </u>		

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

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SEP 0 6 2006

Mary A. Maestas Name (Please Print)

Signature

Regulatory Assistant Title

(5/2000)

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OM B No. 1004-0137

D.				Expires: March 31, 2007
	UREAU OF LAND MANAGE			5. Lease Serial No.
	NOTICES AND REPOR			U-3405
	s form for proposals to di II. Use Form 3160-3 (APD			6. If Indian, Allottee or Tribe Name
	PLICATE- Other instruct	ions on rev	erse side.	7. If Unit or CA/Agreement, Name and/or No.
	Gas Well Other	7 7 7 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7		8. Well Name and No. WILD HORSE FEDERAL 116-34
2. Name of Operator EOG RESOUR	RCES, INC			9. API Well No. ,
3a Address P.O. BOX 1815 VERNAL, UT 8		Phone No. (inch	ıde area code)	10. Field and Pool, of Exploratory Area
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)			NATURAL BUTTES
2075 FSL 660 FEL (NE/SE) S.L	.R.&M			11. County or Parish, State
SECTION 34, T10S, R19E 39.96				UINTAH COUNTY, UT
12. CHECK API	PROPRIATE BOX(ES) TO IND	DICATE NATI	TRE OF NOTICE, I	REPORT, OR OTHER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
Notice of Intent	Alter Casing F	Deepen Fracture Treat	Production (S	tart/Resume) Water Shut-Off Well Integrity Other
Subsequent Report	L	New Construction Plug and Abandon		
Final Abandonment Notice		Plug Back	Water Disposal	
following completion of the invo testing has been completed. Fina determined that the site is ready f	lved operations. If the operation results a Abandonment Notices must be filed to or final inspection.) ctfully requests permission to characteristics are considered to the characteristics of the characteristics are considered to the characteristics.	s in a multiple coronly after all requiring the TD, org	mpletion or recompletion frements, including reclar	ired subsequent reports must be filed within 30 days in a new interval, a Form 3160-4 must be filed once mation, have been completed, and the operator has 2005, on the referenced well:
Federal Approx Action is Neces	Date:		29-04-0	1016104 Rm
14. I hereby certify that the foregoname (Printed/Typed)	oing is true and correct	1		
KAYLENE R. GA	RDNER	Title	REGULATORY ASS	SISTANT
Signature		Date		06/16/2006
V TO	THIS SPACE FOR FED	ERAL OR	STATE OFFICE	USE
Approved by			Title	Date
Conditions of approval, if any, are att	cached. Approval of this notice does represent the second of the second		Office	1

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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JUN 1 9 2006

WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,409'
Wasatch	4,318'
Chapita Wells	4,927'
Buck Canyon	5,641'
North Horn	6,527'
KMV Price River	7,856'
KMV Price River Middle	8,862'
KMV Price River Lower	9,538'
Sego	9,905'

Estimated TD: 10,100' or 200'± below Price River top

Anticipated BHP: 5,515 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft \pm of the Green River Formation, with top at about 2,000 ft \pm .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

4. CASING PROGRAM:

							<u>RA</u>	TING FACTOR
	HOLE SIZE	<u>INTERVAL</u>	<u>SIZE</u>	WEIGHT	GRADE	THREAD	COLLAPSE	E/BURST/ TENSILE
Conducto	r: 17½"	0'-45'	13 ¾"	48.0#	H-40	STC	770 PSI	1730 PSI 322,000#
Surface	12-1/4"	45' - 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi 394,000#
Production	ı: 7-7/8"	$2,300' \pm - TD$	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi 223,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. All casing will be new or inspected.

5. Float Equipment:

Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of its. #2 and #3 then every 5th joint to surface. (15 total)

WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

Float Equipment: (Cont'd)

Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. (30± total). Thread lock float shoe, top and bottom of float collar, and top of 2nd joint.

6. MUD PROGRAM

Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' \pm - TD):</u> Anticipated mud weight 9.5 – 10.0 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

8. EVALUATION PROGRAM:

Logs: Mud log from base of surface casing to TD.

Cased-hole Logs: Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

9. CEMENT PROGRAM:

Surface Hole Procedure (Surface - 2300'±):

Lead: Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI₂, 3 lb/sx GR3 ½ #/sx

Flocele mixed at 11 ppg, 3.82 ft³/sk. yield, 23 gps water.

Tail: Class "G" cement with 2% CaCl₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft³/sk., 5.2 gps

water.

Top Out: As necessary with Class "G" cement with 2% CaCl₂, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft³/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

Production Hole Procedure (2300'± - TD)

Lead: 115 sks: 35:65 Poz "G" w/4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65

(Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.200% D13 (Retarder), 0.25 pps D29 (cello flakes) mixed at 13.0 ppg, 1.75 ft³/sk., 9.19

gps water.

Tail: 1095 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft³/sk., 5.9gps water.

Note: The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.

Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

10. ABNORMAL CONDITIONS:

Surface Hole (Surface - 2300'±):

Lost circulation

Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

WILD HORSE FEDERAL 116-34 NE/SE, SEC. 34, T10S, R19E, S.L.B.&M. UINTAH COUNTY, UTAH

11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ES	FORM APP
E INTERIOR	OM B No. 10 Expires: Man
NAGEMENT	6.1

5.	Lease Senal No
	11 2405

SUNDRY	NOTICES AND REP	ORTS ON WE	LLS	U-3405	
Do not use the	is form for proposals to II. Use Form 3160 - 3 (A	o drill or to re-	enter an	6. If Indian,	Allottee or Tribe Name
SUBMIT IN TRI	PLICATE- Other instr	ructions on reve	rse side.	7. If Unit or	CA/Agreement, Name and/or No.
I. Type of Well Oil Well	Gas Well Other			8. Well Nan	ne and No.
2. Name of Operator EOG Resou	rces, Inc.			Wild He	orse Federal 116-34
Ba. Address		3b. Phone No. (includ	to area cade)	43-047-	
600 17th Street, Suite 1000N, D		303-824-5526	e tirea cinacy		i Pool, or Exploratory Area Buttes/Wasatch/Mesaverde
 Location of Well (Footage, Sec., 1 	., R., M., or Survey Description)				or Parish, State
2075' FSL & 660' FEL (NE/SE Sec. 34-T10S-R19E 39.901942					County, UT
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATU	RE OF NOTICE, R	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent	Acidize	Deepen	Production (Sta	rt/Resume)	Water Shut-Off
	☐ Alter Casing ☐ Casing Repair	Fracture Treat	Reclamation		Well Integrity Other Commingling
Subsequent Report	Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Ab	andon	request
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal	uncon	
wellbore. In the event alloo logs. Production from the tubing landed below all pe Attached is a map showing	ests authorization for commir cation of production is necessa Wasatch and Mesaverde form rforations in the 4-1/2" produ	ary, the allocation will nations will be commination casing. Ontiguous oil and gas	l be based on proporti ngled in the wellbore : leases or drilling units	onate net pay and produced and an affid	as calculated from open hole
			Accepted l	oy the	
			Utah Divis		Endoral Annual Of The
			Oil, Gas and	Mining	Federal Approval Of This
		Date	4/18/0	7	Action Is Necessary
		Date	1 - 11 17	7 /	
40 - 41 - 41 - 41 - 41 - 41 - 41 - 41 -		By:	NJK/KV	$\mathcal{N}^{\mathcal{C}}$	
14. I hereby certify that the fore Name (Printed/Typed)					normalica
Mary A. Maesta	3	Title	Regulatory Assistant		2000 D
Signature Wary	a. Marta	Date	0	4/02/2007	Acis:
	THIS SPACE FOR	FEDERAL OR	STATE OFFICE	USE	
Approved by			Title		Date
Conditions of approval, if any, are a certify that the applicant holds lega which would entitle the applicant to	or equitable title to those rights		Office		
		a crime for any person	knowingly and willfully	to make to an	y department or agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the Unite States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

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APR 0 3 2007

) ss

COUNTY OF DENVER)

VERIFICATION

Mary A. Maestas, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc. EOG Resources, Inc. is the operator of the following described well:

> Wild Horse Federal 116-34 2075' FSL - 660' FEL (NESE) **SECTION 34, T10S, R19E UINTAH COUNTY, UTAH**

EOG Resources, Inc., and Dominion Exploration and Production, Inc., Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 2nd day of April, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and Dominion Exploration and Production, Inc.

Further affiant saith not.

Regulatory Assistant

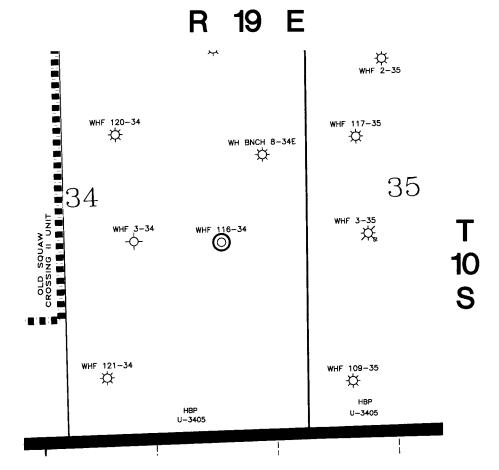
Subscribed and sworn before me this 2nd day of April, 2007.

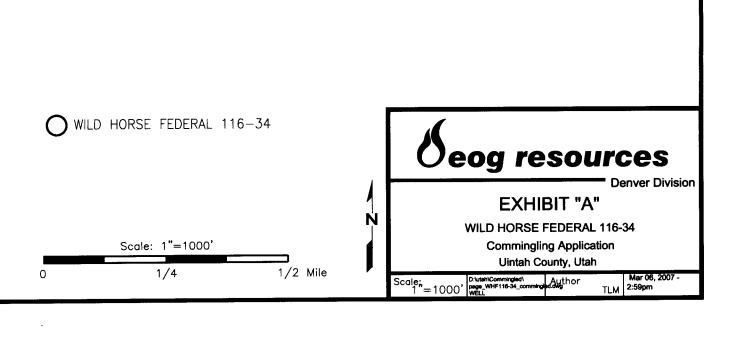
Notary Public

My Commission Expires: June 25, 2007

Exhibit "A" to Affidavit Wild Horse Federal 111-35 Application to Commingle

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, Oklahoma 73134-2600 Attn: Mr. Rusty Waters





Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR RUBEAU OF LAND MANAGEMENT

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY Do not use th	NOTICES AND REI nis form for proposals to ell. Use Form 3160 - 3 (A	PORTS ON WE	enter an	5. Lease Serial No U-3405 6. If Indian, All	ottee or Tribe Name	
1. Type of Well	IPLICATE- Other insti	ructions on rever	se side.		/Agreement, Name and/or N	10.
2. Name of Operator EOG Resor				8. Well Name as Wild Horse 9. API Well N	Federal 116-34	
3a Address 600 17th Street, Suite 1000N, E 4. Location of Well (Footage, Sec.,		3b. Phone No. (include 303-824-5526	e area code)	43-047-36746 10. Field and Pool, or Exploratory Area Natural Buttes/Wasatch/MV		
2075' FSL & 660' FEL (NE/SI Sec. 34-T10S-R19E 39.901942	E)			11. County or Pa	arish, State	
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR OT	THER DATA	
TYPE OF SUBMISSION		TYF	PE OF ACTION			_
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab		Water Shut-Off Well Integrity Other	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 4/16/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)			
Mary A. Maestas	Title	Regulatory Assistant	
Signature Mary a May an	Date	04/18/2007	
THIS SPACE FOR FEDERA	LOR	STATE OFFICE USE	
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warm certify that the applicant holds legal or equitable title to those rights in the subject I which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for an States any false, fictitious or fraudulent statements or representations as to any matter.	y person er within	ite inriediction	any department or agency of the United

(Instructions on page 2)

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WELL CHRONOLOGY REPORT

Report Generated On: 04-18-2007

Well Name	WHF 116-34	Well Type	DEVG	Division	DENVER			
Field	OLD SQUAW'S CROSSING	API#	43-047-36746	Well Class	1SA			
County, State	UINTAH, UT	Spud Date	03-04-2007	Class Date	04-16-2007			
Tax Credit	N	TVD/MD	10,100/ 10,100	Property #	056691			
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0			
KB / GL Elev	5,374/ 5,355							
Location	Section 34, T10S, R19E, NES	Section 34, T10S, R19E, NESE, 2075 FSL & 660 FEL						
Event No	1.0	Description	DRILL & COMPLETE					

AFE No	•	303377		AFE Total		-		DHC/0	CWC		
Rig Contr	PIO	NEER	Rig Name	PIONE	ER #59	Start Date	05-	-24-2005	Release 1	Date	03-16-2007
05-24-2005	Re	eported By									
DailyCosts: Da	rilling	\$0		Com	pletion	\$0		Dail	y Total	\$0	
Cum Costs: D	rilling	\$0		Com	pletion	\$0		Well	Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD : 0.	0		Perf:			PKR De	pth: 0.0)

50.0

40.75

NRI %

Activity at Report Time: LOCATION DATA

Operator

Start End Hrs Activity Description 06:00 06:00 24.0 LOCATION DATA:

EOG RESOURCES, INC

2075' FSL & 660' FEL (NE/SE) SECTION 34, T10S, R19E UINTAH COUNTY, UTAH

WI %

LAT 39.901978, LONG 109.760511 (NAD 27)

RIG PIONEER #59

OBJECTIVE: 10,100' TD, MESAVERDE

DW/GAS

OLD SQUAWS CROSSING PROSPECT DD&A: OLD SQUAWS CROSSING AREA

NATURAL BUTTES FIELD

LEASE: U-3405

ELEVATION: 5355.6' GL, 5354.7' PREP GL (DUE TO ROUNDING THE PREP GL IS 5355'), 5374' KB, (19')

EOG WI 50%, NRI 40.75%

08–16–2006 Reported By ED TROTTER

Daily Costs: Drilling Completion \$0 Daily Total

Cum Costs: Drilling		Completion	\$0		Well Total	
MD 0	TVD 0 I	Progress 0	Days	0	MW 0.0	Visc 0.0
Formation :	PBTD: 0.0		Perf:		PKR De _l	oth: 0.0
Activity at Report Ti	me: BUILDING LOCATION	1				
Start End	Hrs Activity Descrip	ption				
06:00 06:00	24.0 BEGAN CONSTR	RUCTION OF LOCATIO	N, 20% COM	MPLETE.		
08-18-2006 Re	eported By ED T	ROTTER				
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0
Cum Costs: Drilling		Completion	\$0		Well Total	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc 0.0
Formation :	PBTD: 0.0		Perf:		PKR De	pth: 0.0
Activity at Report Ti	me: BUILDING LOCATION	N				
Start End	Hrs Activity Descrip	ption				
06:00 06:00	24.0 LOCATION IS 30	% COMPLETE.				
08-21-2006 R	eported By ED 7	TROTTER		- And Commission (1982) - 18 - Physician Laboratory (1984) - 1 - Limbon.		
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0
Cum Costs: Drilling		Completion	\$0		Well Total	:
MD 0	TVD 0	Progress 0	Days	0 .	MW 0.0	Visc 0.0
Formation :	PBTD : 0.0	J	Perf:		PKR De	pth: 0.0
Activity at Report Ti	ime: BUILDING LOCATIO	N				
Start End	Hrs Activity Descri	ption		,		
06:00 06:00	24.0 LOCATION IS 50	% COMPLETE.				
08-22-2006 R	eported By ED T	TROTTER		The Property Community Com		
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	· \$0
Cum Costs: Drilling		Completion	\$0		Well Total	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc 0.0
Formation:	PBTD : 0.0		Perf:		PKR De	pth: 0.0
Activity at Report Ti	ime: BUILDING LOCATIO	N				
Start End	Hrs Activity Descri	ption				
06:00 06:00	24.0 LOCATION IS 55	5% COMPLETE.				
08-23-2006 R	eported By ED	TROTTER				
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0
Cum Costs: Drilling		Completion	\$0		Well Total	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc 0.0
Formation:	PBTD : 0.0	· ·	Perf :		PKR De	pth : 0.0
Activity at Report T	ime: BUILDING LOCATIO	N				
Start End	Hrs Activity Descri	ption				
06:00 06:00	24.0 LOCATION IS 60	=				
08-24-2006 R	Reported By ED	TROTTER				
DailyCosts: Drilling	_	Completion	\$0		Daily Total	\$0

Cum Costs: Drilling			Completion	\$0		Well Tota	1 5	
MD 0	TVD	0 Pro	gress 0	Days	0	MW	0.0 Visc	0.0
Formation :	Pi	BTD: 0.0		Perf:		P	KR Depth: 0.0	
Activity at Report T	ime: BUILDING	LOCATION						
Start End	Hrs Activi	ity Descriptio	on					
06:00 06:00	24.0 LOCA	TION IS 65% (COMPLETE.					
08-25-2006 R	eported By	ED TRO	TTER					
DailyCosts: Drilling	\$0		Completion	\$0		Daily Tot	al \$0	
Cum Costs: Drilling			Completion	\$0		Well Tota	d	
MD 0	TVD	0 Pro	ogress 0	Days	0	MW	0.0 Visc	0.0
Formation :	P	BTD: 0.0		Perf :		P	KR Depth: 0.0	
Activity at Report T	ime: BUILDING	LOCATION						
Start End	Hrs Activ	ity Descriptio	on					
06:00 06:00	24.0 LOCA	TION IS 75% (COMPLETE.					
08-28-2006 R	eported By	ED TRO	TTER					
DailyCosts: Drilling	\$0		Completion	\$0		Daily Tot	al \$0	
Cum Costs: Drilling			Completion	\$0		Well Tota	d	
MD 0	TVĐ	0 Pro	ogress 0	Days	0	MW	0.0 Visc	0.0
Formation :	P	BTD: 0.0		Perf:		P	KR Depth: 0.0	
Activity at Report T	ime: BUILDING	LOCATION						
Start End	Hrs Activ	ity Description	on .					
06:00 06:00	24.0 LOCA	TION IS 85%	COMPLETE.			· · · · · · · · · · · · · · · · · · ·		
08-29-2006 R	Reported By	ED TRO	TTER					
DailyCosts: Drilling	\$0		Completion	\$0		Daily Tot	al \$0	
Cum Costs: Drilling	ļ		Completion	\$0		Well Tota	1	
MD 0	TVD	0 Pro	ogress 0	Days	0	MW	0.0 Visc	0.0
Formation :	P	BTD: 0.0		Perf:		P	KR Depth: 0.0	
Activity at Report T	ime: BUILDING	LOCATION						
Start End	Hrs Activ	ity Descripti	on					
06:00 06:00	24.0 LOCA	TION IS 90%	COMPLETE.					
08-30-2006 F	Reported By	ED TRO	OTTER					
DailyCosts: Drilling	\$0		Completion	\$0		Daily Tot	al \$0	
Cum Costs: Drilling	,		Completion	\$0		Well Tota	al	•
MD 0	TVD	0 Pro	ogress 0	Days	0	MW	0.0 Visc	0.0
Formation :	P	PBTD: 0.0		Perf:		P	KR Depth: 0.0	
Activity at Report T	ime: WO AIR RI	IG						
Activity at Report T Start End		G vity Descripti	on					
	Hrs Activ	ity Descripti	on COMPLETE. WO	AIR RIG.				
Start End 06:00 06:00	Hrs Activ	ity Descripti	COMPLETE. WO	AIR RIG.				

\$0 **Cum Costs: Drilling** Completion Well Total MD 40 **TVD** 40 **Progress** 0 Days 0 MW 0.0 0.0 Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: WO AIR RIG **Activity Description** Start End Hrs 06:00 06:00 24.0 ROCKY MOUNTAIN DRILLING SPUD A 20' HOLE ON 8/30/2006 @ 10:00 AM, SET 40' OF 14" CONDUCTOR, CEMENT TO SURFACE WITH READY MIX. DALL COOK NOTIFIED MIKE LEE - BLM AND CAROL DANIELS -UDOGM OF THE SPUD 8/30/2006 @ 3:00 PM. Reported By DALL COOK 09-15-2006 **Daily Costs: Drilling** Completion \$0 **Daily Total** Cum Costs: Drilling Completion \$0 **Well Total** MD 2,479 **TVD** 2,479 **Progress** Days 0 0.0 Visc 0.0 Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: WORT Start End Hrs Activity Description 06:00 06:00 24.0 MIRU BILL JR'S AIR RIG # 9 ON 9/3/2006, DRILLED 12-1/4" HOLE TO 2460 'GL. ENCOUNTERED NO WATER. RAN 56 JTS (2426') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING WITH WEATHERFORD GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE, LANDED @ 2444' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO BILL JR'S AIR RIG. RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 160 BBLS FRESH WATER & 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 170 SX (116 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & 1/4 #/SX FLOCELE. MIXED LEAD CEMENT @ 11 PPG W/YIELD OF 3.82 CFS. TAILED IN W/ 200 SACKS (41 BBLS) OF PREMIUM CEMENT W/ 2% CaCl2 & 1/4 #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/ YIELD OF 1.15 CFS. DISPLACED CEMENT W/ 184 BBLS FRESH WATER, BUMPED PLUG W/ 800# @ 4:46 PM. 9/3/2006. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE, BROKE CIRCULATION 2 BBLS INTO DISPLACEMENT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED. TOP JOB #1: PUMPED DOWN 200' OF 1" PIPE. MIXED & PUMPED 150 SX (31 BBLS) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND CIRCULATED 4 BBL LEAD CEMENT TO PIT. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 1 HR 40 MIN. TOP JOB #2: MIXED & PUMPED 75 SX (15 BBLS) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX.. HOLE FILLED AND STOOD FULL, RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY. NO SURVEY TAKEN AT THIS TIME. DALL COOK NOTIFIED JAMIE SPARGER W/VBLM OF THE SURFACE CASING & CEMENT JOB ON 8/31/2006 @ 1:30 PM.

02-28-2007 Reported By KIT HATFIELD

Daily Costs: Drilling Completion \$0 Daily Total

Cum Cost	s: Drilling			Con	npletion	\$0		Well	l Total		
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD : 0.	0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: RIG	DOWN								
Start	End	Hrs	Activity Descr	ription							
06:00	10:00	4.0	RIG ON LOCAT SITTING ABOU INSTALL TREE	JT 4" UP OFF							
10:00	06:00	20.0	RIG DOWN. M	OVE MAN CA	MP. WILL	. MOVE RIC	G TODAY. AN	ITICIPATE S	PUD FRIDAY.		
			SAFETY MEET FULL CREWS	TING: RIGGIN	g down/	100% TIE O	FF/MOVE PR	REPARATIO	NS		
			TRANSFERRE	D FROM WHE	112-35:						
			3247 GAL DIES								
03-01-20	07 R	ported	By KI	T HATFIELD							
DailyCost	s: Drilling			Con	npletion	\$0		Dail	y Total		
Cum Cost	s: Drilling			Con	npletion	\$0		Well	Total	\$.	
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD : 0.	0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report Ti	me: RIG	UP								
Start	End	Hrs	Activity Descr	ription							
06:00	18:00	12.0	MOVE/RIG UP. ON RIG COMP								ΓΙΟΝ. 85%
			WORK 10 HAN	DS + PUSHER	R 12 HRS						
			ANTICIPATE S	PUD LATE FR	IDAY						
18:00	06:00	12.0	SHUT DOWN F	OR NIGHT.							
			SAFETY MEET	INGS; RIGGI	NG DOWN	N. 100% TH	OFF. HANI	SIGNALS.	SPOTTING L	OADS.	
03-02-20	07 R	eported	By KI	T HATFIELD							
DailyCost	s: Drilling			Con	npletion	\$0		Dail	y Total	:	
Cum Cost	ts: Drilling			Con	npletion	\$0		Well	Total		
MD	2,479	TVD	2,479	Progress	0	Days	0	$\mathbf{M}\mathbf{W}$	0.0	Visc	0.0
Formation	a:		PBTD : 0.	0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report Ti	me: RIG	UP								
Start	End	Hrs	Activity Descr	ription							
06:00	06:00	24.0	CONTINUE TO RIG REPAIR.	RIG UP. 90%	RIGGED U	JP. SHOULI	D BE TESTIN	G STACK A	BOUT NOON.	SPENT 1 1/2	! HRS ON
			NOTIFIED JAM	IE SPARGER	W/BLM @	16:30 HRS.	, 3/1/07 OF BO	OP TEST.			
			RIG CREWS:								
			5 HANDS – 6 H	RS							

18:00

19:00

1.0 INSTALL ROTATING HEAD.

5 HANDS – 12 HRS

5 HANDS - 12 HRS

SAFETY MEETINGS: MOVING-SETTING LOADS/GENERAL RIGGING UP

L&S TRUCKING: MOVE STARTED 07:30 HRS, 2/28/07 W/6 BED TRKS, 2 HAUL TRKS, 1 CRANE, 2 FORKLIFTS. CONTINUE ON 3/1/07 @ 07:30 HRS WITH 2 BED TRKS, 1 HAUL TRK, 1 FORKLIFT FINISH @ 09:30 HRS, 3/1/07 (TOTAL 13 HOURS).

03-03-20	007 Re	eported B	By KIT	HATFIELD							
DailyCost	ts: Drilling			Con	pletion	\$0		Daily	Total	***	
Cum Cos	ts: Drilling			Con	pletion	\$0		Well	Total		
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	8.5	Visc	27.0
Formatio	n:		PBTD : 0.0)		Perf:			PKR De _l	pth: 0.0	
Activity a	t Report Ti	me: TRIP	IN HOLE TO D	RILL							
Start	End	Hrs	Activity Descr	iption							
06:00	14:00	8.0	NIPPLE UP STA	CK. RIG ON	DAYWOR	K @ 06:00 H	RS, 3/2/07.				
14:00	21:00		TEST STACK. F UPPER & LOW 250/5000 PSI. T	ER KELLY VA	LVES, TIV	V VALVE &	DA RT VALV				
21:00	00:00	3.0	RIG UP FLARE	LINES. SET S	TAIRS. IN	STALL WE	AR BUSHING	3 .			
00:00	02:30	2.5	FINISH SETTIN	IG BHA & DP	ON RACK	, STRAP SA	ME. RIG UI	LAY DOW	N MACHINE	TO PICK UP	PIPE.
02:30	04:00	1.5	RIG REPAIR, M	IAKE UP CAT	HEAD WO	N'T PULL.					
04:00	06:00	2.0	PICK UP BHA	& RUN IN HO	LE.						
03-04-20		eported F	BOILER 24 HR MUD LOGGER KI'		ON 3/2/07	er erannensker i 200 i 191 steamens		na andrew da el desente de l'Addres de de dec			
	ts: Drilling	- po	-,		npletion	\$0		Dail	y Total	;	
•	its: Drilling	,			npletion	\$0			Total	·	
MD	2,678	TVD	2,678	Progress	199	Days	1	MW	8.4	Visc	28.0
Formatio	•		PBTD : 0.			Perf :	-	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	PKR De		2010
	at Report Ti	ime: DRII								Pull 1 0.0	
Start	End	Hrs	Activity Descr	ription							
06:00	08:00	2.0	CONTINUE TR	IP IN HOLE, F	YCKING U	JP SINGLES	DRILL PIPE	E. TRIP IN T	O 2100'.		
08:00	08:30	0.5	RIG DOWN LA	Y DOWN MA	CHINE.						
08:30	10:30	2.0	PICK UP KELL	Y, RIG UP KE	LLY SPINI	NERS, FIX A	IR LINES FO	OR SPINNEI	RS.		
10:30	11:30	1.0	CUT DRILLING	G LINE.							
11:30	14:00	2.5	PUT IN BRACE	ES IN SUB. NO	TE: THIS	SHOULD HA	AVE BEEN C	ONE DURI	NG RIG UP.		
14:00	15:00	1.0	TRIP OUT ANI	VERIFY JOI	NT COUN	T (NIGHT CI	REW MISS-	TALLIED PI	PE).		
15:00	18:00	3.0	RIG REPAIR, H ABOUT 25% P						RKING PRO	PERLY. PUL	LS WITH

28.0

8.4

Visc

19:00	00:00	5.0 SHUT DOWN OPERATIONS TO COMPLETE TASKS THAT SHOULD HAVE BEEN TAKEN CARE OF DURING RIG UP. WATER LEAKING FROM PACKING OF 2 DIFFERENT CENT. PUMPS, FILLING DITCHES. CLEAN OUT DITCHES SO THAT THEY DRAIN. REPAIR LEAKING SWIVEL PACKING. WORK ON #2 PUMP. GENERAL HOUSE KEEPING IS TERRIBLE. PICK UP TOOLS, CLEAR FLOOR AND DOG HOUSE OF TRASH. DRESSER SLEEVE ON FLOWLINE LEAKING, HYDRAULIC LINE ON PIPE SPINNERS LEAKING BADLY.
00:00	02:30	2.5 CONTINUE TRIP IN HOLE. TAG CEMENT @ 2340'. DRILL OUT FLOAT COLLAR, SHOE JOINT AND SHOE @ 2479'. DRILL 10' FOR FIT.
02:30	03:00	0.5 CIRCULATE BTMS UP & SPOT GEL PILL ON BOTTOM. CLOSE RAMS AND PRESSURE UP TO 500 PSI (TEST SHOE TO 12.5 PPG EMW W/8.5 PPG FLUID).
03:00	03:30	0.5 RUN WIRELINE SURVEY 2366', 2.5°.
03:30	06:00	2.5 DRILLING 2479'-2678', 199', AVG 80 FPH. RUNNING 15-17K WOB, 40 RPM TABLE/60 MTR, 130 SPM FOR 380 GPM & 1100 PSI. CIRCULATING RESERVE PIT. PUMPING POLYMER SWEEPS EACH CONNECTIONS & GEL SWEEPS EVERY 6 CONNECTIONS.

SAFETY MEETINGS: HOUSEKEEPING/PPE

CHECK CROWN-O-MATIC

FULL CREWS

FUEL 5306 GAL

6,000 **TVD**

MD

6,000

Progress

BHA HRS = JAR HRS = MTR HRS = 2.5 HRS

SPUD 7 7/8" HOLE 3/4/2007 @ 03:30 HRS.

			250D / 1/8 H	OLE 3/4/2007 \							
03-05-200	07 R	eported E	By Ki	T HATFIELD							
Daily Costs	: Drilling	\$		Cor	npletion	\$0		Daily	Total		
Cum Costs	s: Drilling			Cor	npletion	\$0		Well '	Total		
MD	4,355	TVD	4,355	Progress	1,677	Days	2	MW	8.4	Visc	28.0
Formation	1:		PBTD : 0	.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	ime: DRII	LING								
Start	End	Hrs	Activity Desc	ription							
06:00	13:00	7.0	DRILLING 267 60 RPM MTR/6	,				LER (CONN)	ECTIONS S	LOW), 15–171	К WOB, 50-
13:00	14:00	1.0	RIG SERVICE	& SURVEY @	2990', 2.1°	•					
14:00	18:00	4.0	DRILLING 308 SHOOTING H								
18:00	01:00	7.0	DRILLING 330	04'-4000', 696'	, AVG 100	FPH. DIFFE	RENT CRE	W, EXPERIEN	CED DRIL	LER.	
01:00	01:30	0.5	SURVEY @ 40	000', 2.0°							
01:30	06:00	4.5	DRILLING 400	00'-4355', 355'	', AVG 79 F	PH. HOLE IN	GOOD SH	APE, NO TIG	HT HOLE (R SLOUGHI	NG SHALES.
			SAFETY MEE	TINGS: PICKII	NG UP PIP	E W/TUGGE	R/SHALLO	W GAS			
			DAYLIGHT C	REW SHORT I	HAND 6 H	IRS, NIGHTS	FULL CRE	E W			
			FUEL 4039 GA	LS, USED 126	7 GALS						
			BHA HRS = JA	AR HRS = MTR	HRS = 26	HRS					
			CHECK CROV	VN-O-MATIC							
03-06-200	07 R	eported I	3 у К	IT HATFIELD							
DailyCost	s: Drilling			Cor	mpletion	\$0		Daily	Total		
Cum Cost	s: Drilling			Coi	mpletion	\$0		Well	Total	\$	

Days

1,645

3

 $\mathbf{M}\mathbf{W}$

PBTD: 0.0 Formation: Perf: PKR Depth: 0.0 **Activity at Report Time: DRILLING Activity Description** Start End Hrs 06:00 16:30 10.5 DRILLING 4355'-5106', 751', AVG 72 FPH, 17-20K WOB, 40-50 RPM TABLE, 60 MTR, VARY FLOW RATE FROM 390-440 TO OPTOMIZE P-RATE. CIRCULATING RESERVE PIT W/PHPA AND GEL SWEEPS. 16:30 17:00 0.5 SURVEY @ 5015', 1.8°. 13.0 DRILLING 5106'-6000', 894', AVG 69 FPH, PERIMETERS AS ABOVE. HOLE IN GOOD SHAPE, NO TIGHT HOLE 17:00 06:00 OR FILL ON CONNECTIONS. MUD LOGGER: 50% SS, 50% SH BGG 50U, CG 120U WASATCH @ 4325', CHAPITA WELLS @ 4934', BUCK CANYON @ 5648' SAFETY MEETINGS: CABLE LINES/MAKE UP-BREAK OUT TONGS/FLOOR POSITION **FULL CREWS** FUEL 2930 GALS, USED 1109 GALS BHA HRS = JAR HRS = MTR HRS = 49.5 HRS CHECK CROWN-O-MATIC 03-07-2007 Reported By KIT HATFIELD / RICH DEMBOWSKI DailyCosts: Drilling Completion \$0 **Daily Total Cum Costs: Drilling** \$0 Completion **Well Total** MD 7.230 TVD 7.230 **Progress** 1,230 Days MW8.4 27.0 Visc Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING Start End **Activity Description** 8.5 DRILLING 6000-6537', 537', AVG 63 FPH, 20K WOB, 40-60 RPM TABLE/60 MTR. CIRCULATING RESERVE PIT 06:00 14:30 USING POLYMER & GEL SWEEPS. NO FILL OR TIGHT HOLE. BEGAN SEEING SMALL AMOUNT OF CAVINGS, THE SAME OR LESS THAN SEEN WITH MUD. LARGEST ABOUT 3/4" LENGTH IN SIZE. 14:30 15:00 0.5 SURVEY @ 6462', 2.2°. 15:00 18:00 3.0 DRILLING 6537'-6687', 150', AVG 50 FPH, 18-21K WOB, 40-60 RPM TABLE/60 MTR. CIRC MUD TANKS USING POLYMER AND GEL SWEEPS. CUTTINGS REMAIN SAME AS WITH MUD. NO SIGN OF CAVING/HEAVING 6.0 DRILLING 6687'-6955', 268', AVG 44.7 FPH, 18-21K WOB, 40-60 RPM TABLE/60 MTR. CIRC MUD TANKS 18:00 00:00 USING POLYMER AND GEL SWEEPS. CUTTINGS REMAIN SAME. LARGEST 1/2"-3/4". NO SIGN OF HEAVING/CAVING SHALE. 00:00 06:00 6.0 DRILLING 6955'-7230', 270', AVG 45 FPH, NO DRAG ON CONNECTIONS. CIRC PITS USING POLYMER EVERY CONNECTION AND GEL SWEEPS EVERY 5-7 CONNECTIONS. INCREASE WOB TO 18-25K. ROTARY 30-55 TABLE/60 MOTOR. 380-400 GPM. SAFETY MEETING: POWER TONGS/UNLOADING MUD TRUCKS NO ACCIDENTS REPORTED THE LAST 24 HOURS **BOILER 11 HOURS** FULL CREWS ON MORNING TOUR, 1 MAN SHORT ON DAY TOUR FUEL ON HAND 6336 GALS, USED PAST 24 HOURS, 1094 GALS FUNCTION TEST CROWN-O-MATIC

INSPECT BRAKE LINKAGE AND CONNECTIONS

DailyCosts: Drilling

Cum Costs: Drilling

MAXIMUM GAS 304U AT 6308', BACKGROUND GAS 25–275U, CONNECTION GAS 368–1315U, TRIP GAS NA DRILLING 60% SHALE, 30% SANDSTONE, 10% RED SHALE

FUNCTION TESTED RAMS

03-08-200	7 D.	ported l	D. DI	CH DEMBOWS	SKI						
		:portea :	Бу Кі			ξΩ		D. 7			
Daily Costs:	9	;			pletion	\$0 \$0			y Total	1	
Cum Costs	· ·				pletion	\$0			Total		
MD	7,877	TVD	7,877	Progress	665	Days	5	MW	8.4	Visc	27.0
Formation			PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: TRII	PPING								
Start	End	Hrs	Activity Descr	ription							
06:00	12:00	6.0	DRILL 7230' – SWEEP. MW A								ID PUMP
12:00	13:30	1.5	DRILL 7457' -	7516'. MW IN	AND OUT	8.4+ PPG, 2	9 VIS.				
13:30	14:00	0.5	SERVICE RIG.	GREASE BLO	CK AND S	WIVEL. INS	SPECT KELI	LY SPINNER	AND CHEC	K FOR FUNC	TION.
14:00	18:00	4.0	DRILL 7516' – TO 8.8 PPG. CU								NG MW UP
18:00	00:00	6.0	DRILL 7687' – TARGET MUD BIT DRILLING 60 ROTARY/55	WEIGHT 9.2 F STREAKY AT	PFG. CUTT	TINGS APPE	AR NORMA	L WITH NO	APPARENT	SPALLING/S	LOUGHING.
00:00	01:00	1.0	DRILL 7861' – ENOUGH DOW								
01:00	02:00	1.0	PU OFF BOTTO SEC VISCOSIT #1 – 390 PSIG	Y. MEASUREI	NEW SP	R AND PRE	SSURES PRI				
02:00	06:00	4.0	SLUG PIPE AN 7600'. WORKE LESS DRAG. P. SLICK WITH N ROTATING HE REPORT TIME PULLED 109 S' APPROX 31' DI PUSHER.	D PIPE SLOWI ASON READIN IO APPARENT AD RUBBER A . PIPE TALLY I TANDS EVEN.	LY THRU NG NOT C DRAG. NO ND FIN C INCORRE VERIFYI	TIGHT SPOT ORRECT FO O DRAG FRO DUT OF THE CT. TALLY I NG BHA. W	S BY DROF OR FIRST 15 OM 4000' TO HOLE WITH NDICATES ILL SLM IN	PPING DOW! STANDS PU SHOE AT 2 H THE BHA. THAT 108 ST HOLE TO V	N AND PULI ILLED. REM 444'. PIPE P PULLING H IDS PLUS I ERIFY DEPI	ING BACK T AINING PIPE ULLED SLICI IEAVYWATE SINGLE IN H TH. HOLE SHO	HRU WITH PULLED K. PULL DP AT OLE. OULD BE
			SAFETY MEET	TING: ELECTR	ICAL SAF	ETY/MIXIN	IG MUD				
			NO ACCIDENT	S REPORTED	THE LAS	T 24 HOURS	}				
			0 BOILER HOU	J RS							
			FULL CREW F	OR MORNING	TOUR, O	NE MAN SH	ORT ON DA	YLIGHT CR	ŒW		
			FUEL ON HAN	ID 5464 GALS,	USED PA	ST 24 HOUR	S 872 GALS	3			
			FUNCTION TE	ST CROWN-C	-MATIC						
			INSPECT BRA	KE LINKAGE	AND CON	NECTIONS					
			MAXIMUM GA	AS 5205U AT 7	704', BAC	KGROUND (GAS 37-231	U, CONNEC	TION GAS 3	13–613U, TRI	P GAS NA
			DRILLING 30%	6 SHALE, 60%	SANDSTO	ONE AND 10	% RED SHA	LE			
03-09-200	7 R	eported l	By RI	CH DEMBOW:	SKI				An and a real measures	and the second of the second of the second of	

Page 9

\$0

\$0

Daily Total

Well Total

Completion

Completion

MD	8,145	TVD	8,145	Progress	250	Days	6	MW	9.1	Visc	36.0
Formation	n:		PBTD : 0	0		Perf:			PKR Dep	th : 0.0	
Activity a	t Report Tir	ne: DRII	LLING								
Start	End	Hrs	Activity Desc	ription							
06:00	12:00	6.0	FINISH OUT O								
12:00	13:00	1.0	RIH WITH NE	W BIT AND MU	J D MOTO I	R, BHA AN	D DP. TALLY	DP WHILE I	RIH.		
13:00	13:30	0.5	SAFETY MEET RUNNING PIP WORK WITH	E IN HOLE WI	TH FLOAT	IN STRING	G. ALSO DISC				
13:30	14:30	1.0	FINISH IN HO	LE TO CASINO	SHOE WI	TH DRILL	STRING. SH	UT DOWN.			
14:30	18:00	3.5	SERVICE RIG. FROM CATHE MECHANIC A	AD SYSTEM. I	REPLACE '	WITH NEW	EQUIPMEN	T. HYDRAUI	LIC MECHA	NIC AND PIO	
18:00	23:00	5.0	SLM IN HOLE ENTIRE HOLE GAS SEEN WA	E. 25' FILL ON	воттом.	WASH TO	воттом. Со	ORRECTED 1	TD IS 7895' (+	-	
23:00	00:00	1.0	DRILL 7895' T 1600 PSIG. MU				BIT, ROP 20-	55 FPH, WOI	B 15-19K, PU	MP 380-400	GPM @
00:00	06:00	6.0	DRILL 7930' T KMV PRICE R				8 VIS. DRILL	ING AHEAD	WITHOUT A	NY PROBLE	MS. TOP OF
			SAFETY MEE	TING: TRIPPIN	IG PIPE/W	ELL CONT	ROL				
			NO ACCIDEN	rs reported	THE LAST	r 24 hour	s				
			0 BOILER HO	URS							
			FULL CREW I	OR BOTH TO	J RS						
			FUEL ON HAM	ND 4831 GALS	USED PA	ST 24 HRS	633 GALS				
			FUNCTION TO	EST CROWN-C	-MATIC						
			INSPECT BRA	KE LINKAGE	AND CON	NECTIONS	5				
			MAX GAS 140	OU AT 8002', BA % SHALE, 60%				N GAS 439-5	549U, TRIP G	AS 1050U	
03-10-20	1007 R	eported		ICH DEMBOW							
	ts: Drilling	- p	,	Cor	npletion	\$0		Dails	y Total		
•	ts: Drilling	:			npletion	\$0		-	Total	•	
MD	8,534	TVD	8,534	Progress	389	Days	7	MW	9.1	Visc	36.0
Formatio	n :		PBTD : (_		Perf:			PKR De	oth: 0.0	
	at Report Ti	me: PO							• •		
Start	End	Hrs	Activity Desc	ription							
06:00	12:00	6.0	DRILL FROM ROTARY, 380-		'. MUD WE	EIGHT 9.1+	PPG, 34 VIS.	(188', 31.3 F	PH AVG ROP). 15–19 K W (OB, 40-55
12:00	16:15	4.25	DRILL FROM	8333' TO 8414'	. MUD IN	9.1 + PPG , 3	88 VIS. MUD	OUT 9.2 PPG	i, 34 VIS. (81'	, AVG 19 FP F	D.
16:15	16:45	0.5	SERVICE RIG	. GREASE BLC	CK AND	SWIVEL, C	ROWN BEAR	INGS.			
16:45	18:00	1.25	CO ROT HEAD	O RUBBER.							
18:00	00:00	6.0	DRILL FROM	8414' TO 8501'	. MW 9.0 I	PPG, VIS 34	l. (87', 14.5 FI	PH AVG ROP).		

00:00	05:00	5.0	DRILL FROM 8: RESULTS, PREI							OTARY, PUM	IP AND NO
05:00	06:00	1.0	SLUG PIPE ANI MUD WEIGHT	тоон го	OR NEW BIT.			·		оттом вего	PRE POOH.
			SAFETY MEET	ING: HOUS	SEKEEPING/	PRESSURE I	PUMPING				
			NO ACCIDENTS	S REPORTI	ED THE LAST	Γ 24 HOURS					
			O BOILER HOL								
			FULL CREW FO	OR MORNI	NG TOUR, 1	MAN SHOR	Γ FOR DAY	TOUR			
			FUEL ON HANI								
			FUNCTION TES	T CROWN	OMATIC						
			INSPECT BRAK	E LINKAC	E AND CON	NECTIONS					
			MAXIMUM GA	S 1959 U A	T 8443', BG (GAS 25-517	U, CONN G	AS 416–2169	U, TRIP GA	S N/A	
			DRILLING 50%	SHALE, 20	0% SANDSTO	ONE AND 30	% SILTSTO	NE			
03-11-20	07 Re	eported l	By RIC	CH DEMBC	WSKI		*****				
DailyCost	s: Drilling			C	ompletion	\$0		Dail	y Total	:	
Cum Cost	s: Drilling				ompletion	\$0		`	Total		
MD	8,760	TVD	8,760	Progress	226	Days	8	MW	9.1	Visc	35.0
Formation			PBTD : 0.0	J		Perf :	ŭ	14144	PKR De		33.0
	 t Report Ti	me: DRII		,		1011.			i KK Dej	year . 0.0	
Start	End	Hrs		intian							
06:00	13:30		Activity Descr TRIP OUT OF H	-	ED 20K# ()\	/ED ON EIDS	T TWO STA	NOS THEN	I NO DRAG I		V NO DDAG
00.00	13.50	7.5	FROM 4000' TO STARTED PULL RUBBER. FINIS	CASING S LING WET	HOE. NO DR WITH 8 STAI	AG/BOBBLI NDS INTO C	ES WHILE P ASING. PIPI	ULLING IN E NOT DRA	TO CASING ' INING. PULL	WITH BHA. S ROTATING	STRING
13:30	21:15	7.75	PU NEW MOTO BIT AND MOTO							SH IN HOLE	WITH NEW
21:15	22:15	1.0	TAG 20' FILL. C	CIRCULATE	E BU AND WA	ASH TO BOT	том. мах	GAS APPRO	OX 750 UNIT:	S OFF BOTT	OM.
22:15	00:00	1.75	DRILL FROM 8 ROTARY 45-60			EIGHT 9.2 PP	G, 37 VIS. (5	55' IN 1:45, 3	31.4 FPH AVG	ROP). WOB	12-20 K .
00:00	02:00	2.0	DRILL FROM 8	589' – 8657	. .						
02:00	03:00	1.0	SET CLOCKS A	HEAD I H	R FOR DST.						
03:00	06:00	3.0	DRILL FROM 8 20K, ROTARY 4			EIGHT: 9.2 P	PG, VIS 38. ((171' IN 5 He	OURS. 34.2 FI	PH AVG ROP). WOB 12-
			SAFETY MEET PRETOUR MEE		PING PROCE	DURES/DISC	CUSSED SA	FETY AND.	ISA'S WITH (CREW IN MO	RNING
			NO ACCIDENTS	S REPORTE	ED THE LAST	Γ 24 HOURS					
			0 BOILER HOL	J RS							
			FULL CREW FO	OR MORNI	NG TOUR, 1	MAN SHOR	FOR DAY	TOUR			
			FUEL ON HAN	D 6732 GAI	LS, FUEL US	ED 619 GAL	S				
			FUNCTION TES	ST CROWN	OMATIC						
			INSPECT BRAK	E LINKAC	E AND CON	NECTIONS					
			MAXIMUM GA	S 1191 U A	T 8537', BG (GAS 12-265	U, CONN GA	AS 428–585	U, TRIP GAS	959 U	

DRILLING 30% SHALE, 40% SANDSTONE AND 30% SILTSTONE

03-12-200	77 Re	eported B	By RIG	CH DEMBOW:	SKI						
DailyCosts	: Drilling			Con	pletion	\$0		Dail	y Total	ζ.	
Cum Costs	s: Drilling			Con	pletion	\$0		Well	Total		
MD	9,262	TVD	9,262	Progress	502	Days	9	MW	9.4	Visc	33.0
Formation	:		PBTD : 0.	0		Perf :			PKR De	pth : 0.0	
Activity at	Report Ti	me: TRIP	OUT OF HOLE	FOR BIT					•		
Start	End	Hrs	Activity Descr	ription							
06:00	12:00		DRILL FROM 8 CONNECTION 9.7 PPG, 36 VIS 34.8 FPH AVG I). SLOWLY BE S. HAD TIGHT	RINGING N CONNEC	MUD WEIGI ΓΙΟΝ AND Ι	HT UP. MUD BROUGHT M	WEIGHT @ IW FROM 9	8830' 9.4 PPC	G, 34 VIS. MV	W AT 8969',
12:00	14:30	2.5	DRILL FROM 8	3969' TO 9049'	. MW 9.7 F	PG, VIS 32.	DRILLED 8	O'THIS INT	ERVAL. 32 FP	H AVG ROP.	
14:30	15:00	0.5	SERVICE RIG.	GREASE BLO	CK, SWIV	EL, MOTO	RS, ETC.				
15:00	18:00		DRILL FROM 9								
18:00	00:00		DRILL FROM 9 25K, ROTARY			IGHT 9.8 P	PG, 37 VIS. 1	22' THIS IN	TERVAL. 20 F	TPH AVG ROI	?. WOB 18-
00:00	01:30		DRILL FROM 9 ROTARY, WEIG					SIT STOPPE	D DRILLING.	WORK BIT,	VARY
01:30	03:00	1.5	CIRCULATE B	OTTOMS UP A	ND CONI	DITION MU	D PRIOR TO	MAKING T	RIP.		
03:00	06:00	3.0	BUILD SLUG.	PREPARE ANI	DROP SU	JRVEY. SLU	JG PIPE. POI	I FOR NEW	BIT. MUD W	EIGHT 9.8 PI	2 G, 38 VIS.
03-13-200 DailyCosts			SAFETY MEET NO ACCIDENT 0 BOILER HOT FULL CREW F FUEL ON HAN FUNCTION TE INSPECT BRAI MAXIMUM GA DRILLING 50% By RI	S REPORTED URS OR MORNING ID 5623 GALS, ST CROWNON KE LINKAGE AS 7013 U AT 9 6 CARBSHALI CH DEMBOW	THE LAST TOUR, 1 FUEL USI MATIC AND CON 0150', BG (CE, 20% SH.	T 24 HOURS MAN SHOR ED 1109 GA NECTIONS GAS 26-844	S RT FOR DAY ALS U, CONN G	TOUR AS 460-5110 AND 20% S	0 U, TRIP GA:	S N/A	
Cum Cost	s: Drilling			Con	npletion			Well	Total		
MD	9,395	TVD	9,395	Progress	133	Days	10	MW	9.8	Visc	38.0
Formation	ı:		PBTD : 0.	.0		Perf:			PKR De _l	pth: 0.0	
Activity at	Report Ti	me: DRII	LING								
Start	End	Hrs	Activity Descri	ription							
06:00	13:00	7.0	PULL ROTATIN DEGREES AT 9 HEAD RUBBE	9194'). LD MU	D MOTOR	AND BIT. F	PU NEW BIT	AND MOTO	BHA. RETRIE OR AND TIH. I	EVE SURVEY INSTALL RO	' TOOL (1.64 TATING
13:00	14:15	1.25	SLIP & CUT D	RILL LINE.							
14:15	14:45		FILL DRILL ST								
14:45	22:30		FINISH IN HOI BRIDGES, FIR OF FILL. WASI	ST AT ±9122',	THEN AT :	£9155' AND	LAST BRID	GE AT ±919	0'. BROKE TH	IRU WITH 3-	-5K, HAD 60'

7.5 DRILL FROM 9262' TO 9395'. MUD WEIGHT 9.9+ PPG, VIS 42, 14-24K WOB. 35-65 ROTARY. 380 GPM. 5-65 FPH 22:30 06:00 INSTANTANEOUS ROP, 17.7 FPH AVG ROP. SAFETY MEETING: TRIPPING PIPE (SAME FOR EACH TOUR) NO ACCIDENTS REPORTED THE LAST 24 HOURS **0 BOILER HOURS** FULL CREW FOR MORNING TOUR, I MAN SHORT FOR DAY TOUR FUEL ON HAND 5068 GALS, USED PAST 24 HRS 555 GALS FUNCTION TEST CROWN-O-MATIC INSPECT BRAKE LINKAGE AND CONNECTIONS MAX GAS 1979U AT 9239', BACKGROUND GAS 450-1289U, CONN GAS 1172-1391U, TRIP GAS 2024U DRILLING 40% CARBSHALE, 40% SANDSTONE, 20% SILTSTONE FUNCTION TEST PIPE RAMS AND BLINDS WHILE OUT OF HOLE RICH DEMBOWSKI 03-14-2007 Reported By DailyCosts: Drilling Completion \$0 **Daily Total Well Total Cum Costs: Drilling** Completion 40.0 9.780 9.780 385 11 MW Visc MD **TVD Progress** Days Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: DRILLING **Activity Description** Start End Hrs 6.75 DRILLING FROM 9395' TO 9520', 125' @ 18.5 FPH AVG ROP, MUD WEIGHT 9.9 PPG IN/OUT, VIS 47/41 IN/OUT, 06:00 12:45 12-18K WOB, 40-60 ROTARY. 0.5 SERVICE RIG. GREASE RIG. DRAWWORKS, SWIVEL, BLOCK, ETC. 12:45 13:15 3.75 DRILL FROM 9520' TO 9583, MUD WEIGHT IN/OUT 9.9 PPG, 42 VIS, 63' THIS INTERVAL, 16.8 FPH. 13:15 17:00 1.0 CO ROT HEAD RUBBER AND REALIGNED WELLHEAD WITH SUBSTRUCTURE. 17:00 18:00 12.0 DRILLING FROM 9583' TO 9780', 197' THIS INTERVAL, 16.4 FPH, MUD WEIGHT IN 9.8+ PPG, 42 VIS, MUD 18:00 06:00 WEIGHT OUT 9.9 PPG, 43 VIS. CUTTINGS OVER SCREEN MOSTLY SILTSTONE,15-22K WOB, 370-390 GPM, 40-55 ROTARY. SAFETY MEETING: MAKING CONNECTIONS/SAFE USE OF ELECTRICAL EQUIPMENT/DISCUSSED JSA'S AND SAFETY MINUTES WITH EACH CREW NO ACCIDENTS **0 BOILER HOURS** FULL CREW FOR DAY TOUR, I MAN SHORT FOR MORNING TOUR FUEL ON HAND 3960 GALS, FUEL USED 1108 GALS FUNCTION TEST CROWNOMATIC INSPECT BRAKE LINKAGE AND CONNECTIONS MUDLOGGER MAXIMUM GAS 4290 U AT 9429', BG GAS 460-2490 U, CONN GAS 1172-3620 U, TRIP GAS N/A

03-15-200	7 Re	ported By	RI	CH DEMBOWS	KI						
DailyCosts	s: Drilling			Com	pletion	\$0		Daily	Total		
Cum Cost	s: Drilling	\$		Com	pletion			Well 7	Total (
MD	10.100	TVD	10,100	Progress	320	Days	12	MW	9.8	Visc	38.0

DRILLING 20% SHALE, 60% SANDSTONE AND 20% SILTSTONE

Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: CIRC/COND MUD PRIOR TO LDDP - RU LD MACHINE AND CREW Start End **Activity Description** Hrs 06:00 6.0 DRILL 9780' TO 9859', 79' THIS INTERVAL, 13.2 FPH AVG ROP. MUD WEIGHT IN 9.7 PPG, 41 VIS. MUD WEIGHT 12:00 OUT 9.7 PPG, 43 VIS, 15-22K WOB, 40-60 ROTARY, 380 GPM. 12:00 13:30 1.5 DRILL 9859' TO 9901'. 13:30 13:45 0.25 SERVICE RIG. GREASE BLOCK AND SWIVEL. 4.25 DRILL 9901' TO 9995', 94' THIS INTERVAL, 22.1 FPH ROP. MUD WEIGHT 9.7 PPG, 40 VIS AT 10088', MW IN/OUT 13:45 18:00 10.0 PPG, 41/42 VIS. 3.0 DRILL 9995' TO 10050'. START BRINGING MUD WEIGHT UP TO 10.2 PPG, MUD WEIGHT AT 10050' 9.7 PPG, 40 18:00 21:00 21:00 01:00 4.0 DRILL 10050' TO 10,100' TD. BRING MUD WEIGHT UP TO 10,2 PPG AT 10070', MUD WEIGHT 9.9 PPG, VIS 40 SEC. CASING POINT AT 01:00 HRS. MUD WEIGHT AT 10,100' 10.1 PPG, 40 SEC VIS. REACHED TD AT 01:00 HRS, 3/15/07. 01:00 03:00 2.0 CIRCULATE/CONDITION MUD AND HOLE WHILE WEIGHTING UP MUD TO 10.2 PPG, MUD WEIGHT IN/OUT 10.2 PPG. 03:00 06:00 3.0 MAKE 20 STAND SHORT TRIP. NO FILL ON BOTTOM. PU KELLY AND CIRCULATE/CONDITION MUD PRIOR TO LD DP. RU LD MACHINE WHILE MAKING SHORT TRIP. SAFETY MEETING: HOUSEKEEPING/LD DRILL PIPE NO ACCIDENTS REPORTED THE LAST 24 HOURS **OBOILER HOURS** FULL CREWS FOR BOTH TOURS FUEL ON HAND 2930 GALS, USED PAST 24 HRS, 1030 GALS FUNCTION TEST CROWN-O-MATIC INSPECT BRAKE LINKAGE AND CONNECTIONS MUD LOGGER: MAXIMUM GAS: 2490U AT 9696', BACKGROUND GAS 1233U, CONN GAS 1944U, TRIP GAS N/A DRILLING 20% CARB-SHALE, 70% SANDSTONE, 10% SILTSTONE WILL RELEASE MUD LOGGER AFTER RD MUD LOGGING EQUIPMENT 03-16-2007 Reported By RICH DEMBOWSKI DailyCosts: Drilling Completion \$0 **Daily Total Cum Costs: Drilling** Completion Well Total 10.100 MD TVD 10,100 **Progress** 0 13 Days MW 10.2 Visc 41.0 Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 **Activity at Report Time: RUNNING CASING** Start End **Activity Description** 2.5 CIRCULATE AND CONDITION MUD. WAIT FOR BU GAS TO DISSIPATE. RU LD MACHINE AND CREW. HOLD 06:00 08:30 JSA WITH ALL PERSONNEL. 08:30 21:30 13.0 BUILD AND PUMP SLUG. SLUG DID NOT TAKE. BUILD AND PUMP SECOND SLUG. OK. DROP SURVEY. BEGIN LAYING DOWN DRILL PIPE. JAMIE SPARGER, BLM, NOTIFIED OF RUNNING AND CEMENTING CASING. LEFT VOICE MAIL MESSAGE AND CONFIRMED VERBALLY AT 0845 TODAY. LAY DOWN 194 JTS DRILL PIPE. POOH W/24 STANDS (48 JTS) OF DRILL PIPE AND RACK IN DERRICK (BIT INSIDE SURFACE CASING). POOH AND LD REMAINDER OF DRILL PIPE AND BHA. RIH WITH 24 STANDS RACKED IN

DERRICK AND POOH, LD REMAINING DRILL PIPE. NO DRAG THROUGH 4000' – 2444' RANGE, 5–10K BOBBLES WHEN BHA ENTERED SURFACE CASING. RETRIEVE SURVEY, 2.42 DEGREE AT 10,075'.

23:00	1.5					RS. RU CAS	SING CREW	AND RUN	INING EQUI	PMENT. HOLD
06:00	7.0	COLLAR, 4–1/2 PRICE RIVER A	?", 11.60#, HCP AND APPROX -	110, LTC	CASING TO S	SURFACE. F	PLACED MA	ARKER JO	INTS APPRO	X 400' ABOVE
		CONDUCTED	SAFETY MEET	TINGS ON	I RUNNING C	'ASING AN	D I D DRII I	PIPE		
		FULL CREWS I	FOR BOTH TO	URS.						
		FUEL ON HAN	D - 2138 GAL	LONS						
		FUEL USED PA	ST 24 HOURS	- 792 GA	LLONS					
		FUNCTION TE	ST CROWNOM	IATIC.						
		INSPECT BRAI	KE LINKAGE A	AND CON	INECTIONS.					
		MUDLOGGER	RELEASED AT	Г 1500 HF	RS, 3/15/07.					
					RUNNING A		ITING CASI	NG (LEFT	VOICE MAII	L MESSAGE)
		AND CONFIRM	MED VERBALI	LY AT 08:	45 HRS , 3/15/0)/				
)7 Re	eported I		MED VERBALL CH DEMBOWS		45 HRS, 3/15/0)/ 				
	eported I		CH DEMBOWS	SKI	45 HRS, 3/15/0)/ 	Dail	y Total	\$	
7 Res: Drilling	eported I		CH DEMBOWS		45 HRS, 3/15/0)/ 		y Total l Total	\$	
: Drilling	eported l		CH DEMBOWS Con Con	SKI apletion		14		•		0.0
s: Drilling s: Drilling		3y RIG	CH DEMBOWS Con Con Progress	SKI apletion apletion	Days Perf:		Well	l Total 0.0		0.0
s: Drilling s: Drilling 10,100	TVD	3y RIG	CH DEMBOWS Com Com Progress 0	SKI apletion apletion	Days		Well	l Total 0.0	Visc	0.0
s: Drilling s: Drilling 10,100	TVD	10,100 PBTD : 0.	CH DEMBOWS Con Con Progress 0 TION	SKI apletion apletion	Days		Well	l Total 0.0	Visc	0.0
s: Drilling s: Drilling 10,100 a: Report Ti	TVD me: RDR Hrs	10,100 PBTD: 0. T/WO COMPLE	CH DEMBOWS Con Progress 0 CTION ription LE WITH 4–1/2 LD HANGER 2	npletion 0 " PRODU	Days Perf: CTION CASI	14 NG. TAG BO	Well MW	I Total 0.0 PKR I	Visc Depth: 0.0 T AND PU H	ANGER JOINT
s: Drilling s: Drilling 10,100 a: Report Ti	TVD me: RDR Hrs 1.0	10,100 PBTD: 0. T/WO COMPLE Activity Description of the complex of	CH DEMBOWS Con Progress 0 CTION ription LE WITH 4–1/2 JO HANGER 2' J/LD MACHIN	npletion 0 "PRODU	Days Perf: CTION CASII WELLHEAD	14 NG. TAG BO FOR CIRCU	Well MW DITTOM, LD ILATING AN	PKR I TAG JOIN ND CEMEN	Visc Depth: 0.0 T AND PU H	ANGER JOINT
		06:00 7.0	SAFETY MEET 06:00 7.0 PU AND RUN, I COLLAR, 4-1/2 PRICE RIVER A REPORT TIME. CONDUCTED 9 NO ACCIDENT 0 BOILER HOU FULL CREWS FUEL ON HAN FUEL USED PA FUNCTION TE INSPECT BRAI MUDLOGGER JAMIE SPARGI	SAFETY MEETING WITH ALL O6:00 7.0 PU AND RUN, IN ORDER, 4— COLLAR, 4—1/2", 11.60#, HCP PRICE RIVER AND APPROX REPORT TIME. CONDUCTED SAFETY MEET NO ACCIDENTS REPORTED O BOILER HOURS. FULL CREWS FOR BOTH TO FUEL ON HAND — 2138 GALL FUEL USED PAST 24 HOURS FUNCTION TEST CROWNON INSPECT BRAKE LINKAGE A MUDLOGGER RELEASED AT JAMIE SPARGER, BLM, NOT	SAFETY MEETING WITH ALL PERSO 7.0 PU AND RUN, IN ORDER, 4–1/2" FLOA COLLAR, 4–1/2", 11.60#, HCP110, LTC PRICE RIVER AND APPROX 400' ABO' REPORT TIME. CONDUCTED SAFETY MEETINGS ON NO ACCIDENTS REPORTED THE LAS 0 BOILER HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND – 2138 GALLONS FUEL USED PAST 24 HOURS – 792 GA FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CON MUDLOGGER RELEASED AT 1500 HR	SAFETY MEETING WITH ALL PERSONNEL. 7.0 PU AND RUN, IN ORDER, 4–1/2" FLOAT SHOE, 1 JT COLLAR, 4–1/2", 11.60#, HCP110, LTC CASING TO SPRICE RIVER AND APPROX 400' ABOVE WASATCH REPORT TIME. CONDUCTED SAFETY MEETINGS ON RUNNING AND ACCIDENTS REPORTED THE LAST 24 HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND – 2138 GALLONS FUEL USED PAST 24 HOURS – 792 GALLONS FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CONNECTIONS. MUDLOGGER RELEASED AT 1500 HRS, 3/15/07. JAMIE SPARGER, BLM, NOTIFIED OF RUNNING AND SAFETY MEETING SHOWS	SAFETY MEETING WITH ALL PERSONNEL. 7.0 PU AND RUN, IN ORDER, 4–1/2" FLOAT SHOE, 1 JT 4–1/2", 11.6 COLLAR, 4–1/2", 11.60#, HCP110, LTC CASING TO SURFACE. IP PRICE RIVER AND APPROX 400' ABOVE WASATCH FORMATIREPORT TIME. CONDUCTED SAFETY MEETINGS ON RUNNING CASING AN NO ACCIDENTS REPORTED THE LAST 24 HOURS. 0 BOILER HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND – 2138 GALLONS FUEL USED PAST 24 HOURS – 792 GALLONS FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CONNECTIONS. MUDLOGGER RELEASED AT 1500 HRS, 3/15/07. JAMIE SPARGER, BLM, NOTIFIED OF RUNNING AND CEMEN	SAFETY MEETING WITH ALL PERSONNEL. 7.0 PU AND RUN, IN ORDER, 4–1/2" FLOAT SHOE, 1 JT 4–1/2", 11.60# HCP110 COLLAR, 4–1/2", 11.60#, HCP110, LTC CASING TO SURFACE. PLACED M/PRICE RIVER AND APPROX 400' ABOVE WASATCH FORMATIONS. APPRIREPORT TIME. CONDUCTED SAFETY MEETINGS ON RUNNING CASING AND LD DRILL NO ACCIDENTS REPORTED THE LAST 24 HOURS. 0 BOILER HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND – 2138 GALLONS FUEL USED PAST 24 HOURS – 792 GALLONS FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CONNECTIONS. MUDLOGGER RELEASED AT 1500 HRS, 3/15/07.	SAFETY MEETING WITH ALL PERSONNEL. 7.0 PU AND RUN, IN ORDER, 4—1/2" FLOAT SHOE, 1 JT 4—1/2", 11.60# HCP110, LTC CAS COLLAR, 4—1/2", 11.60#, HCP110, LTC CASING TO SURFACE. PLACED MARKER JOI PRICE RIVER AND APPROX 400' ABOVE WASATCH FORMATIONS. APPROX 9200' C REPORT TIME. CONDUCTED SAFETY MEETINGS ON RUNNING CASING AND LD DRILL PIPE. NO ACCIDENTS REPORTED THE LAST 24 HOURS. 0 BOILER HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND — 2138 GALLONS FUEL USED PAST 24 HOURS — 792 GALLONS FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CONNECTIONS. MUDLOGGER RELEASED AT 1500 HRS, 3/15/07. JAMIE SPARGER, BLM, NOTIFIED OF RUNNING AND CEMENTING CASING (LEFT	SAFETY MEETING WITH ALL PERSONNEL. 7.0 PU AND RUN, IN ORDER, 4–1/2" FLOAT SHOE, 1 JT 4–1/2", 11.60# HCP110, LTC CASING, 4–1/2" COLLAR, 4–1/2", 11.60#, HCP110, LTC CASING TO SURFACE. PLACED MARKER JOINTS APPRO PRICE RIVER AND APPROX 400' ABOVE WASATCH FORMATIONS. APPROX 9200' CASING IN H REPORT TIME. CONDUCTED SAFETY MEETINGS ON RUNNING CASING AND LD DRILL PIPE. NO ACCIDENTS REPORTED THE LAST 24 HOURS. 0 BOILER HOURS. FULL CREWS FOR BOTH TOURS. FUEL ON HAND – 2138 GALLONS FUEL USED PAST 24 HOURS – 792 GALLONS FUNCTION TEST CROWNOMATIC. INSPECT BRAKE LINKAGE AND CONNECTIONS. MUDLOGGER RELEASED AT 1500 HRS, 3/15/07.

MARKER JOINT = 7461' MARKER JOINT = 3823'

15.0 RD RIG.

 $3.0\,$ CLEAN MUD TANKS, ND BOPS. BEGIN RD OF RIG.

12:00

15:00

15:00

06:00

CONDUCTED SAFETY MEETINGS ON RIGGING DOWN RIG.

NO ACCIDENTS REPORTED THE LAST 24 HOURS.

0 BOILER HOURS.

FULL CREWS FOR BOTH TOURS.

FUEL ON HAND - 2059 GALLONS

FUEL USED PAST 24 HOURS - 79 GALLONS

FUNCTION TEST CROWNOMATIC.

INSPECT BRAKE LINKAGE AND CONNECTIONS.

JAMIE SPARGER, BLM, NOTIFIED OF ESTIMATED BOP TEST TIMES FOR NEXT WELL, WHF 107-34. LEFT VOICE MAIL MESSAGE PER MR. SPARGERS INSTRUCTIONS ON 3/15/07.

06:00

18.0 RELEASE RIG AT 1500 HRS, 3/16/07.

CASING POINT COST \$931 954

		CA	SING POIN	T COST \$931,9:	54						
03-24-20	007 R	eported By	SE	ARLE							
DailyCos	ts: Drilling	\$0		Com	pletion			Daily	y Total		
Cum Cos	ts: Drilling			Com	pletion	:		Well	Total		
MD	10,100	TVD	10,100	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0047.0		Perf:			PKR De	oth: 0.0	
Activity a	at Report Ti	ime: PREP FO	R FRACS								
Start	End	Hrs Ac	tivity Desc	ription							
06:00	06:00		RU SCHLUM HLUMBERO	MBERGER. LOG GER.	G WITH R	ST/CBL/CCL	/VDL/GR F	ROM PBTD	TO 70'. CEM	ENT TOP @ 1	80'. RD
03-30-20	007 R	eported By	M	CCURDY							
DailyCos	ts: Drilling	\$0		Com	pletion	;		Daily	y Total	t •	
Cum Cos	ts: Drilling			Com	pletion	\$*		Well	Total	· ·	
MD	10,100	TVD	10,100	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n:		PBTD : 19	0047.0		Perf:			PKR Dej	oth: 0.0	
Activity a	at Report Ti	ime: PREP FO	R FRAC								
Start	End	Hrs Ac	tivity Desc	ription							
18:00	19:00	1.0 NU	10M FRAC	TREE. PRESSU	J RE TEST	FRAC TREE	& CASING	TO 8500 PS	IG, HELD OI	K. PREP FOR	FRAC.
04-03-20	007 R	eported By	M	CCURDY					744		
DailyCos	ts: Drilling	\$0		Com	pletion	٧.		Daily	Total		
Cum Cos	ts: Drilling			Com	pletion			Well	Total	c	
MD	10,100	TVD	10,100	Progress	0	Days	17	MW	0.0	Visc	0.0
Formatio	n : MESAVE	ERDE	PBTD : 1	0047.0		Perf : 8412	2'-9941'		PKR De	oth: 0.0	
Activity a	at Report Ti	ime: FRAC U	PR								
Start	End	Hrs Ac	tivity Desc	ription							
06:00	19:00	968 SPI YF	4'-85', 969 F& 120° PH 116ST+ PAE	WIRELINE. PEI 0'-91', 9710'-1 ASING. RU SCI D & 47928 GAL I. ATR 43.2 BPM	1', 9725'– HLUMBE YF116ST-	26', 9774'–75 RGER. FRAC - WITH 12180	i', 9784'–85 DOWN CA 00# 20/40 S	', 9791'–92', SING WITH AND @ 1–51	9880'-81', 9 165 GAL GY	922'-23' & 99 PTRON T-10	40'-41' @ 3 5, 5202 GAL

RUWL. SET 10K CFP AT 9590'. PERFORATED LPR FROM 9344'-45', 9351'-52', 9362'-63', 9399'-400', 9431'-32', 9439'-40', 9450'-51', 9481'-82', 9509'-10', 9542'-43', 9558'-59' & 9564'-65' @ 3 SPF & 120° PHASING, RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5196 GAL YF116ST+ PAD & 47598 GAL YF116ST+ WITH 120,300 # 20/40 SAND @ 1-5 PPG. MTP 7872 PSIG. MTR 45.6 BPM. ATP 5828 PSIG. ATR 43.4 BPM, ISIP 4430 PSIG, RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9320'. PERFORATED MPR FROM 9156'-57', 9163'-64', 9180'-81', 9189'-90', 9206'-07'. 9224'-25', 9244'-46', 9280'-82' & 9302'-03' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5471 GAL YF116ST+ PAD & 61477 GAL YF116ST+ WITH 159300# 20/40 SAND @ 1-5 PPG. MTP 8184 PSIG. MTR 45.9 BPM. ATP 5750 PSIG. ATR 40.8 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9125'. PERFORATED MPR FROM 8902'-03', 8910'-11', 8919'-20', 8927'-28', 8939'-40', 8960'-62', 9016'-17', 9046'-47', 9071'-72' & 9110'-12' @ 3 SPF & 120° PHASING, RDWL, RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5198 GAL YF116ST+ PAD & 58558 GAL YF116ST+ WITH 158900# 20/40 SAND @ 1-5 PPG. MTP 7177 PSIG. MTR 47.1 BPM. ATP 5056 PSIG. ATR 44.6 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8875'. PERFORATED UPR/MPR FROM 8625'-26', 8642'-44', 8660'-61', 8667'-68', 8723'-24', 8746'-47', 8765'-66', 8775'-76', 8806'-07', 8843'-44' & 8855'-56' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4781 GAL YF116ST+ PAD, 49945 GAL YF116ST+ WITH 129800# 20/40 SAND @ 1-5 PPG. MTP 7130 PSIG. MTR 46.3 BPM. ATP 5178 PSIG, ATR 43.4 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8595'. PERFORATED UPR FROM 8412'-13', 8420'-21', 8425'-26', 8444'-45', 8452'-53', 8478'-79', 8489'-90', 8516'-18', 8533'-34', 8547-48' (MISFIRE) & 8575'-76' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4161 GAL YF116ST+ PAD, 44223 GAL YF116ST+ WITH 108500# 20/40 SAND @ 1-5 PPG. MTP 7732 PSIG. MTR 45.8 BPM. ATP 5517 PSIG. ATR 42.5 BPM. ISIP 3520 PSIG. RD SCHLUMBERGER. SDFN.

JRS

04-04-20	007	Reported	By N	ICCURDY / BAI	J SCH						
DailyCos	ts: Drillin	ng	\$0	Con	pletion			Daily	Total		
Cum Cos	ts: Drilli	ng		Con	npletion	\$		Well	Total		
MD	10,10	0 TVD	10,100	Progress	0	Days	18	MW	0.0	Visc	0.0
Formatio	n: MESA	VERDE	PBTD:	10047.0		Perf : 790	3'-9941'		PKR De	pth: 0.0	
Activity a	at Report	Time: RII	W/MILL FOR	CLEANOUT							
Start	End	Hrs	Activity Des	cription							

17:00

06:00

11.0 SICP 2632 PSIG. RUWL. SET 10K CFP AT 8355'. PERFORATED UPR FROM 8159'-60', 8166'-67', 8178'-79', 8199'-200', 8208'-09', 8267'-68', 8275'-76', 8285'-86', 8293'-94', 8303'-04', 8325'-26' & 8335'-36' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 5222 GAL YF116ST+ PAD & 56476 GAL YF116ST+ WITH 148200# 20/40 SAND @ 1-5 PPG. MTP 5891 PSIG. MTR 45.6 BPM. ATP 4466 PSIG. ATR 43.5 BPM. ISIP 3225 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8120'. PERFORATED UPR FROM 7903'-04', 7923'-24', 7943'-44', 7973'-74', 7983'-84', 7991'-92', 8002'-03', 8034'-35', 8052'-53', 8072'-73', 8082'-83' & 8108'-09' @ 3 SPF & 120° PHASING, RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4780 GAL YF116ST+ PAD & 47678 GAL YF116ST WITH 117600# 20/40 SAND @ 1-5 PPG. MTP 7714 PSIG. MTR 45.9 BPM. ATP 5377 PSIG. ATR 43.1 BPM. ISIP 3650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 7820'. BLED OFF PRESSURE. RDWL. MIRUSU. ND FRAC TREE. NU BOPE. RIH W/3-7/8" MILL & PUMP OFF BIT SUB TO 3200'. SDFN.

G. BAUSCH 04-05-2007 Reported By \$0 DailyCosts: Drilling Completion **Daily Total** Completion Well Total **Cum Costs: Drilling** 0 0.0 0.0 MD 10.100 TVD 10,100 **Progress** 19 MW Visc Days PKR Depth: 0.0 Formation: MESAVERDE **PBTD:** 10047.0 Perf: 7903'-9941' Activity at Report Time: C/O AFTER FRAC Start Hrs **Activity Description** 07:00 17:30 10.5 RIH TO TAG @ 7820'. CLEANED OUT & DRILLED OUT PLUGS @ 7820', 8120', 8355', 8595', 8875', 9125' & 9320'. POH TO 7820'. SDFN. G. BAUSCH 04-06-2007 Reported By DailyCosts: Drilling \$0 Completion **Daily Total Cum Costs: Drilling** Completion Well Total 10,100 0 0.0 0.0 MD TVD 10,100 20 Visc **Progress** MW Days Formation: MESAVERDE **PBTD:** 10038.0 Perf: 7903'-9941' PKR Depth: 0.0 Activity at Report Time: FLOW TEST End Start Hrs **Activity Description** 07:00 13:00 6.0 SICP 0 PSIG. RIH TO TAG @ 9590'. DRILLED OUT CFP. RIH. CLEANED OUT TO PBTD @ 10038'. LANDED TBG AT 8489' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU. FLOWED 17-HRS. 16/64" CHOKE. FTP 1400 PSIG. CP 1500 PSIG. 50 BFPH. RECOVERED 1045 BLW. 8993 BLWTR. TUBING DETAIL LENGTH PUMP OFF SUB 1.00' 1 JT 2-3/8" 4.7# N-80 TBG 32.70' XN NIPPLE 1.30' 197 JTS 2-3/8" 4.7# N-80 TBG 8435.29" BELOW KB 19.00' LANDED @ 8489.29' KB 04-07-2007 G. BAUSCH Reported By \$0 **DailyCosts: Drilling** Completion **Daily Total Cum Costs: Drilling** Completion **Well Total** 10,100 MD **TVD** 10,100 Progress 21 MW 0.0 Visc 0.0 Formation: MESAVERDE **PBTD**: 10047.0 Perf: 7903'-9941' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1200 PSIG. CP 1300 PSIG. 45 BFPH. RECOVERED 1045 BLW, 100 BC, 7948 BLWTR. G. BAUSCH 04-08-2007 Reported By \$0 DailyCosts: Drilling Completion **Daily Total** Completion **Cum Costs: Drilling** Well Total \$

Field: OLD SQUAW	'S CROSSING
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0.0 MD 10,100 TVD 10,100 **Progress** Days 22 MW0.0 Visc **PBTD:** 10047.0 Perf: 7903'-9941' PKR Depth: 0.0 Formation: MESAVERDE

Property: 056691

0.0

Activity at Report Time: FLOW TEST

Well Name: WHF 116-34

Start End Hrs **Activity Description** 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1100 PSIG. CP 1350 PSIG. 38 BFPH. RECOVERED 938 BLW, 100 BC. 7016 06:00 06:00

04-10-2007 Reported By G. BAUSCH \$0 **Daily Total** DailyCosts: Drilling Completion Well Total **Cum Costs: Drilling** Completion MD 10,100 TVD 10,100 24 MW 0.0 Visc **Progress** Days

PBTD: 10047.0 Perf: 7903'-9941' PKR Depth: 0.0 Formation: MESAVERDE

Activity at Report Time: WO FACILITIES

Start End Hrs **Activity Description**

06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 850 PSIG. CP 1700 PSIG. 26 BFPH. RECOVERED 625 BLW, 60 BC. 5540

BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 4/9/07

HEATH LEMON 04-18-2007 Reported By \$0 \$0 **Daily Total** \$0 DailyCosts: Drilling Completion **Cum Costs: Drilling** Completion **Well Total** 0 0.0 0.0 MD 10,100 TVD 10,100 Progress Days 25 MW Visc Perf: 7903'~9941' PKR Depth: 0.0 Formation: MESAVERDE **PBTD:** 10047.0 Activity at Report Time: INITIAL PRODUCTION

Start End **Activity Description**

24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1200 & CP 3200 PSI. TURNED WELL TO QUESTAR SALES AT 06:00 06:00

1:00 PM, 4/16/07. FLOWED 200 MCFD RATE ON 12/64" POS CHOKE.

CORRECTED FROM AN EARLIER SUBMISSION DATED 4/18/2007

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

5. Lease Serial No. U-3405

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.					6. If Indian, Allottee or Tribe Name	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.		7. If Unit or CA/Agreement, Name and/or No.				
Type of Well Oil Well Name of Operator EOG Resource	Gas Well Other			8. Well Nan Wild He	orse Federal 116-34	
a Address 600 17th Street, Suite 1000N, Denver, CO 80202		3b. Phone No. (include area code) 303-824-5526		43-047-36746 10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec., 2075' FSL & 660' FEL (NE/SI Sec., 34-T10S-R19E 39.901942	Ε)		F OF NOTICE	11. County o	Buttes/Mesaverde or Parish, State County, UT OTHER DATA	
TYPE OF SUBMISSION			E OF ACTION			
Notice of Intent ✓ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (S Reclamation Recomplete Temporarily A Water Disposa	bandon	Water Shut-Off Well Integrity Other	
If the proposal is to deepen dire	ed Operation (clearly state all per ectionally or recomplete horizonta	ally, give subsurface location	s and measured and t	rue vertical depth	rk and approximate duration thereof. s of all pertinent markers and zones.	

th the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 4/16/2007. Please see the attached operations summary report for drilling and completion operations performed on the subject well.

> RECEIVED APR 2 3 200/

DIV. OF OIL, GAS & MINING

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)				
Mary A. Maestas	Title Regulatory Assistant			
Signature Mary a. May an	Date	04/20/2007		
THIS SPACE FOR FEDERAL	OR STATE C	FFICE USE		
Approved by	Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject le which would entitle the applicant to conduct operations thereon.				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any	person knowingly an	d willfully to make to any department or agency of the Unit	ed	

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL CHRONOLOGY REPORT

Report Generated On: 04-18-2007

				Report Ge			007				
Well Name	, ,	VHF 116-34		Well Type	DE'	VG		Division		DENVE	R
Field	(OLD SQUAV	v's crossing	API#	43-	047-36746		Well Clas	ss	1SA	
County, St	ate [JINTAH, UT	•	Spud Date	03-	-042007		Class Dat	te	04-16-2	007
Tax Credit	; N	1		TVD/MD	10,1	001,01 \001	Property #		#	056691	
Water Dep	th 0)		Last CSG	0.0			Shoe TVI	D/MD	0/0	
KB/GLE	lev 5	,374/ 5,355									
Location	S	Section 34, T	10S, R19E, NES	E, 2075 FSL & 66	0 FEL						
Event No	l	.0		Description	DR	ILL & COMPLETE	Ē				
Operator	E	OG RESOU	RCES, INC	WI %	50.0)		NRI %		40.75	
AFE No		303377		AFE Total				DHC/C	CWC		
Rig Contr	PI	ONEER	Rig Name	PIONEE	R #59	Start Date	05-2	24-2005	Release	e Date	03-16-2007
05-24-20	05	Reported l	Ву								
DailyCost	s: Drillin	g \$	0	Comp	letion	\$0		Dail	y Total	\$0	
Cum Cost		•	0	-	letion	\$0			Total	\$0	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD : 0	.0		Perf :			PKR D	epth: 0.0)
Activity at	t Report	Time: LOC	ATION DATA							•	
Start	End	Hrs	Activity Desc	ription							
06:00	06:00	24.0	LOCATION DA	NTA:							
			2075' FSL & 66	O' FEL (NE/SE)							
			SECTION 34, T	10S, R19E							

RIG PIONEER #59

OBJECTIVE: 10,100' TD, MESAVERDE

DW/GAS

OLD SQUAWS CROSSING PROSPECT DD&A: OLD SQUAWS CROSSING AREA

NATURAL BUTTES FIELD

LEASE: U-3405

ELEVATION: 5355.6' GL, 5354.7' PREP GL (DUE TO ROUNDING THE PREP GL IS 5355'), 5374' KB, (19')

EOG WI 50%, NRI 40.75%

08-16-2006 Reported By ED TROTTER

Daily Costs: Drilling Completion \$0 Daily Total

Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	epth : 0.0	
Activity at Report T	ime: BUILDING LOCATION	N					
Start End	Hrs Activity Descri	ption					
06:00 06:00	24.0 BEGAN CONSTI	RUCTION OF LOCAT	ION, 20% COM	PLETE.			
08-18-2006 R	eported By ED	ROTTER					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation :	PBTD : 0.0		Perf:		PKR De	epth : 0.0	
Activity at Report T	ime: BUILDING LOCATIO	N				-	
Start End	Hrs Activity Descri	ption					
06:00 06:00	24.0 LOCATION IS 30	% COMPLETE.					
08-21-2006 R	eported By ED 7	ROTTER					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total	•	
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation:	PBTD : 0.0		Perf:		PKR De	epth : 0.0	
Activity at Report Ti	ime: BUILDING LOCATIO	N				•	
Start End	Hrs Activity Descri	ption					
06:00 06:00	24.0 LOCATION IS 50	% COMPLETE.			•		
08-22-2006 R	eported By ED1	ROTTER					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling		Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation:	PBTD: 0.0		Perf:		PKR De	epth: 0.0	
Activity at Report T	ime: BUILDING LOCATIO	N					
Start End	Hrs Activity Descri	ption					
06:00 06:00	24.0 LOCATION IS 55	% COMPLETE.					
08-23-2006 R	eported By ED 7	ROTTER					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	2141	Completion	\$0		Well Total		
MD 0	TVD 0	Progress 0	Days	0	MW 0.0	Visc	0.0
Formation:	PBTD: 0.0		Perf:		PKR De	epth: 0.0	
Activity at Report T	ime: BUILDING LOCATION	vi					
Start End	Hrs Activity Descri	ption					
06:00 06:00	24.0 LOCATION IS 60	% COMPLETE.					
08-24-2006 R	eported By ED7	ROTTER	-				
DailyCosts: Drilling	\$0	Completion	\$ 0		Daily Total	\$0	

Cum Costs: Drilling		Completion	\$0	Well Total
MD 0	TVD 0 Progre	ess 0	Days	0 MW 0.0 Visc 0.0
Formation :	PBTD : 0.0		Perf:	PKR Depth: 0.0
Activity at Report Tir	me: BUILDING LOCATION			
Start End	Hrs Activity Description			
06:00 06:00	24.0 LOCATION IS 65% COM	MPLETE.		
08-25-2006 Re	ported By ED TROTT	ER		
DailyCosts: Drilling	\$0	Completion	\$0	Daily Total \$0
Cum Costs: Drilling		Completion	\$0	Well Total
MD 0	TVD 0 Progre	ess 0	Days	0 MW 0.0 Visc 0.0
Formation :	PBTD : 0.0		Perf:	PKR Depth: 0.0
Activity at Report Tir	ne: BUILDING LOCATION			
Start End	Hrs Activity Description			
06:00 06:00	24.0 LOCATION IS 75% COM	MPLETE.		
08-28-2006 Re	ported By ED TROTT	ER		
DailyCosts: Drilling	\$0	Completion	\$0	Daily Total \$0
Cum Costs: Drilling		Completion	\$0	Well Total
MD 0	TVD 0 Progre	ess 0	Days	0 MW 0.0 Visc 0.0
Formation:	PBTD : 0.0		Perf:	PKR Depth: 0.0
Activity at Report Tir	ne: BUILDING LOCATION			
Start End	Hrs Activity Description			
06:00 06:00	24.0 LOCATION IS 85% COM	APLETE.		
08-29-2006 Re	ported By ED TROTT	ER		
DailyCosts: Drilling	\$0	Completion	\$0	Daily Total \$0
Cum Costs: Drilling		Completion	\$0	Well Total
MD 0	TVD 0 Progre	ess 0	Days	0 MW 0.0 Visc 0.0
Formation :	PBTD: 0.0		Perf:	PKR Depth: 0.0
Activity at Report Tir	ne: BUILDING LOCATION			
Start End	Hrs Activity Description			
06:00 06:00	24.0 LOCATION IS 90% COM	MPLETE.		
08-30-2006 Re	ported By ED TROTT	ER		
DailyCosts: Drilling	\$0	Completion	\$0	Daily Total \$0
Cum Costs: Drilling		Completion	\$0	Well Total
MD 0	TVD 0 Progre	ess 0	Days	0 MW 0.0 Visc 0.0
Formation :	PBTD : 0.0		Perf:	PKR Depth: 0.0
Activity at Report Tir				
Start End	Hrs Activity Description			
06:00 06:00	24.0 LOCATION IS 100% CC		AIR RIG.	
09-08-2006 Re	ported By DALL COC	K		
DailyCosts: Drilling		Completion	\$0	Daily Total

\$0 **Cum Costs: Drilling** Completion Well Total 40 **TVD** 40 0 MD 0 MW 0.0 **Progress** Days Visc 0.0 Formation: **PBTD**: 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: WO AIR RIG Start End Hrs **Activity Description** 06:00 06:00 24.0 ROCKY MOUNTAIN DRILLING SPUD A 20' HOLE ON 8/30/2006 @ 10:00 AM, SET 40' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. DALL COOK NOTIFIED MIKE LEE - BLM AND CAROL DANIELS -UDOGM OF THE SPUD 8/30/2006 @ 3:00 PM. Reported By DALL COOK 09-15-2006 **DailyCosts: Drilling** Completion \$0 **Daily Total Cum Costs: Drilling** Completion \$0 Well Total MD 2,479 2,479 0 0.0 **Progress** MW 0.0 Days Visc Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0 Activity at Report Time: WORT Start End **Activity Description** Hrs 06:00 06:00 24.0 MIRU BILL JR'S AIR RIG # 9 ON 9/3/2006, DRILLED 12-1/4" HOLE TO 2460 'GL. ENCOUNTERED NO WATER. RAN 56 JTS (2426') OF 9-5/8", 36.0#/FT, J-55, ST&C CASING WITH WEATHERFORD GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2444' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO BILL JR'S AIR RIG. RU BIG 4 CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1000 PSIG. PUMPED 160 BBLS FRESH WATER & 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 170 SX (116 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10#/SX GILSONITE, 3#/SX GR-3, 3% SALT & 1/4 #/SX FLOCELE. MIXED LEAD CEMENT @ 11 PPG W/YIELD OF 3.82 CFS. TAILED IN W/ 200 SACKS (41 BBLS) OF PREMIUM CEMENT W/ 2% CaCl2 & 1/4 #/SX FLOCELE. MIXED TAIL CEMENT TO 15.8 PPG W/ YIELD OF 1.15 CFS. DISPLACED CEMENT W/ 184 BBLS FRESH WATER. BUMPED PLUG W/ 800# @ 4:46 PM, 9/3/2006. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 2 BBLS INTO DISPLACEMENT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED. TOP JOB #1: PUMPED DOWN 200' OF 1" PIPE. MIXED & PUMPED 150 SX (31 BBLS) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED AND CIRCULATED 4 BBL LEAD CEMENT TO PIT. HOLE FELL BACK WHEN PUMPING STOPPED. WOC 1 HR 40 MIN. TOP JOB #2: MIXED & PUMPED 75 SX (15 BBLS) OF PREMIUM CEMENT W/2% CaCl2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX.. HOLE FILLED AND STOOD FULL. RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY. NO SURVEY TAKEN AT THIS TIME. DALL COOK NOTIFIED JAMIE SPARGER W/ VBLM OF THE SURFACE CASING & CEMENT JOB ON 8/31/2006 @ 1:30 PM.

02-28-2007 Reported By KIT HATFIELD

Daily Costs: Drilling Completion \$0 Daily Total

Cum Costs:	Drilling			Co	mpletion	\$0		Well	Total		
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	:		PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at 1	Report Ti	me: RIG	DOWN								
Start I	End	Hrs	Activity Descri	ription							
06:00	10:00	4.0	RIG ON LOCA' SITTING ABOU INSTALL TREE	JT 4" UP OFF							
10:00	06:00	20.0	RIG DOWN. M	IOVE MAN C	AMP. WILL	MOVE RIG	FODAY, AN	LICIPATE SI	PUD FRIDAY	.	
			SAFETY MEET FULL CREWS	TING: RIGGIN	ng Down/I	00% TIE OF	F/MOVE PRI	EPARATION	is		
			TRANSFERRE 3247 GAL DIES		F 112–35:						
03-01-2007	7 Re	ported I	By KI	T HATFIELD							
DailyCosts:	Drilling			Co	mpletion	\$0		Daily	Total		
Cum Costs:	Drilling			Co	mpletion	\$0		Well	Total	\$"	
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	:		PBTD : 0.	.0		Perf:			PKR De	pth: 0.0	
Activity at l	Report Ti	me: RIG	UP								
Start 1	End	Hrs	Activity Desc	ription							
06:00	18:00	12.0	MOVE/RIG UP ON RIG COMP								ION. 85%
			WORK 10 HAA								
			WUKK IU HAN	IDS + PUSHE	R 12 HRS						
			ANTICIPATE S								
18:00	06:00	12.0	ANTICIPATE S SHUT DOWN I	PUD LATE FI FOR NIGHT.	RIDAY						
18:00	06:00	12.0	ANTICIPATE S	PUD LATE FI FOR NIGHT.	RIDAY	i. 100% TIE (OFF. HAND	SIGNALS.	SPOTTING I	LOADS.	
		12.0	ANTICIPATE S SHUT DOWN I SAFETY MEET	PUD LATE FI FOR NIGHT.	RIDAY	i. 100% TIE (OFF. HAND	SIGNALS.	SPOTTING I	LOADS.	<u></u>
03-02-2007	7 Re		ANTICIPATE S SHUT DOWN I SAFETY MEET	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD	RIDAY	1. 100% TIE (OFF. HAND		SPOTTING I	LOADS.	
03-02-2007 DailyCosts:	7 Re		ANTICIPATE S SHUT DOWN I SAFETY MEET	PUD LATE FI FOR NIGHT. TINGS; RIGG T HATFIELD Co	RIDAY		DFF. HAND	Daily		LOADS.	
03-02-2007 Daily Costs: Cum Costs:	7 Re		ANTICIPATE S SHUT DOWN I SAFETY MEET	PUD LATE FI FOR NIGHT. TINGS; RIGG T HATFIELD Co	RIDAY SING DOWN mpletion	\$0	DFF. HAND	Daily	Total	LOADS.	0.0
03–02–2007 Daily Costs: Cum Costs: MD	7 Re Drilling Drilling 2,479	eported I	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress	RIDAY HNG DOWN mpletion mpletion	\$0 \$0		Daily Well	Total	Visc	0.0
03–02–2007 Daily Costs: Cum Costs: MD Formation:	7 Re Drilling Drilling 2,479	eported I	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI 2,479 PBTD: 0	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress	RIDAY HNG DOWN mpletion mpletion	\$0 \$0 Days		Daily Well	Total Total 0.0	Visc	0.0
03-02-2007 Daily Costs: Cum Costs: MD Formation: Activity at 1	7 Re Drilling Drilling 2,479 EReport Ti	eported l TVD me: RIG	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI 2,479 PBTD: 0	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress	RIDAY HNG DOWN mpletion mpletion	\$0 \$0 Days		Daily Well	Total Total 0.0	Visc	0.0
03-02-2007 Daily Costs: Cum Costs: MD Formation: Activity at 1	7 Re Drilling Drilling 2,479	TVD me: RIG	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI 2,479 PBTD: 0	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress 0	RIDAY HNG DOWN mpletion 0	\$0 \$0 Days Perf :	0	Daily Well MW	Total Total 0.0 PKR Dej	Visc pth: 0.0	
03-02-2007 DailyCosts: Cum Costs: MD Formation: Activity at 1	7 Re Drilling Drilling 2,479 Report Ti	TVD me: RIG	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI 2,479 PBTD: 0 UP Activity Desc. CONTINUE TO	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress 0 ription D RIG UP. 90%	RIDAY MING DOWN mpletion 0 RIGGED U	\$0 \$0 Days Perf:	0 BE TESTING	Daily Well MW	Total Total 0.0 PKR Dej	Visc pth: 0.0	
03-02-2007 DailyCosts: Cum Costs: MD Formation: Activity at 1	7 Re Drilling Drilling 2,479 Report Ti	TVD me: RIG	ANTICIPATE S SHUT DOWN I SAFETY MEET By KI 2,479 PBTD: 0 UP Activity Desc. CONTINUE TO RIG REPAIR.	PUD LATE FIFOR NIGHT. FINGS; RIGG T HATFIELD Co Co Progress 0 ription D RIG UP. 90%	RIDAY MING DOWN mpletion 0 RIGGED U	\$0 \$0 Days Perf:	0 BE TESTING	Daily Well MW	Total Total 0.0 PKR Dej	Visc pth: 0.0	

10:30

11:30

14:00

15:00

18:00

11:30

14:00

15:00

18:00

19:00

1.0 CUT DRILLING LINE.

1.0 INSTALL ROTATING HEAD.

5 HANDS - 12 HRS

5 HANDS - 12 HRS

SAFETY MEETINGS: MOVING-SETTING LOADS/GENERAL RIGGING UP

L&S TRUCKING: MOVE STARTED 07:30 HRS, 2/28/07 W/6 BED TRKS, 2 HAUL TRKS, 1 CRANE, 2 FORKLIFTS. CONTINUE ON 3/1/07 @ 07:30 HRS WITH 2 BED TRKS, 1 HAUL TRK, 1 FORKLIFT

				N 3/1/07 @ 07:3 80 HRS, 3/1/07 (*			RKS, I HAU	L TRK, 1 FC	RKLIFT		
03-03-20	07 R	Reported I		IT HATFIELD	TOTAL 13	nooks).					
DailyCost	s: Drilling	•	•	Corr	pletion	\$0		Dail	y Total		
•	ts: Drilling				pletion	\$0		,	Total	• •	
	_		2.470		•		0				
MD	2,479	TVD	2,479	Progress	0	Days	0	MW	8.5	Visc	27.0
Formation			PBTD:			Perf:			PKR Dep	th: 0.0	
Activity a	t Keport T	ime: TRIF	IN HOLE TO I	ORILL							
Start	End	Hrs	Activity Desc	ription							
06:00	14:00			ACK. RIG ON			•				
14:00	21:00	7.0	UPPER & LOV	RANDY BYWA VER KELLY VA TEST CASING T	LVES, TIV	V VALVE &	DART VALV	VITNESS TE E, CHOKE	ST. TEST BLI & KILL LINE,	ND RAMS, CHOKE M	PIPE RAMS, ANIFOLD TO
21:00	00:00	3.0	RIG UP FLAR	E LINES. SET S	TAIRS. IN	STALL WE	AR BUSHING	G.			
00:00	02:30	2.5	FINISH SETTI	NG BHA & DP	ON RACK	, STRAP SA	ME. RIG UI	P LAY DOW	N MACHINE	TO PICK UF	PIPE.
02:30	04:00	1.5	RIG REPAIR,	MAKE UP CATI	HEAD WO	N'T PULL.					
04:00	06:00	2.0	PICK UP BHA	& RUN IN HOL	Æ.						
			SAFETY MEE	TINGS: NIPPLI	NG UP &	resting s	TACK/PICKI	NG UP PIPE			
			BOILER 24 HF	RS							
			MUD LOGGE	R ON LOCATIO	N 3/2/07						
03-04-20	07 R	Reported I	By K	IT HATFIELD							
DailyCost	ts: Drilling			Com	pletion	\$0		Dail	y Total	*	
Cum Cost	ts: Drilling			Con	pletion	\$0		Well	Total		
MD	2,678	TVD	2,678	Progress	199	Days	1	MW	8.4	Visc	28.0
Formation	n:		PBTD:	0.0		Perf:			PKR Dep	th: 0.0	
Activity a	t Report T	ime: DRII	LLING						-		
Start	End	Hrs	Activity Desc	ription							
06:00	08:00	2.0	CONTINUE TI	RIP IN HOLE, P	ICKING U	P SINGLES	DRILL PIPE	. TRIP IN T	O 2100'.		
08:00	08:30	0.5	RIG DOWN LA	AY DOWN MAC	HINE.						
08:30	10:30	2.0	PICK UP KELI	LY, RIG UP KEL	LY SPINI	NERS, FIX A	IR LINES FO	OR SPINNER	RS.		

2.5 PUT IN BRACES IN SUB. NOTE: THIS SHOULD HAVE BEEN DONE DURING RIG UP.1.0 TRIP OUT AND VERIFY JOINT COUNT (NIGHT CREW MISS-TALLIED PIPE).

ABOUT 25% POWER. KELLY SPINNERS NOT WORKING EITHER.

3.0 RIG REPAIR, HYDRAULIC ACTUATOR ON MAKE UP CAT HEAD NOT WORKING PROPERLY. PULLS WITH

MD

6,000 **TVD**

19:00	00:00	5.0 SHUT DOWN OPERATIONS TO COMPLETE TASKS THAT SHOULD HAVE BEEN TAKEN CARE OF DURING RIG UP. WATER LEAKING FROM PACKING OF 2 DIFFERENT CENT. PUMPS, FILLING DITCHES. CLEAN OUT DITCHES SO THAT THEY DRAIN. REPAIR LEAKING SWIVEL PACKING. WORK ON #2 PUMP. GENERAL HOUSE KEEPING IS TERRIBLE. PICK UP TOOLS, CLEAR FLOOR AND DOG HOUSE OF TRASH. DRESSER SLEEVE ON FLOWLINE LEAKING, HYDRAULIC LINE ON PIPE SPINNERS LEAKING BADLY.
00:00	02:30	2.5 CONTINUE TRIP IN HOLE. TAG CEMENT @ 2340'. DRILL OUT FLOAT COLLAR, SHOE JOINT AND SHOE @ 2479'. DRILL 10' FOR FIT.
02:30	03:00	0.5 CIRCULATE BTMS UP & SPOT GEL PILL ON BOTTOM. CLOSE RAMS AND PRESSURE UP TO 500 PSI (TEST SHOE TO 12.5 PPG EMW W/8.5 PPG FLUID).
03:00	03:30	0.5 RUN WIRELINE SURVEY 2366', 2.5°.
03:30	06:00	2.5 DRILLING 2479'-2678', 199', AVG 80 FPH. RUNNING 15–17K WOB, 40 RPM TABLE/60 MTR, 130 SPM FOR 380 GPM & 1100 PSI. CIRCULATING RESERVE PIT. PUMPING POLYMER SWEEPS EACH CONNECTIONS & GEL SWEEPS EVERY 6 CONNECTIONS.

SAFETY MEETINGS: HOUSEKEEPING/PPE

CHECK CROWN-O-MATIC

FULL CREWS

FUEL 5306 GAL

BHA HRS = JAR HRS = MTR HRS = 2.5 HRS

SPUD 7 7/8" HOLE 3/4/2007 @ 03:30 HRS.

03-05-200	7 Re	eported B	y Ki	T HATFIELD							
DailyCosts	: Drilling	1		Cor	npletion	\$0		Daily '	Total		•
Cum Costs	: Drilling			Cor	npletion	\$0		Well T	otal		
MD	4,355	TVD	4,355	Progress	1,677	Days	2	MW	8.4	Visc	28.0
Formation	:		PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: DRIL	LING								
Start	End	Hrs	Activity Descr	ription							
06:00	13:00		DRILLING 267 60 RPM MTR/6					LER (CONNE	CTIONS SI	_OW), 15-17k	WOB, 50-
13:00	14:00	1.0	RIG SERVICE	& SURVEY @	2990', 2.1°						
14:00	18:00		DRILLING 308 SHOOTING HY								
18:00	01:00	7.0	DRILLING 330	4'–4000', 696'	, AVG 100 I	FPH. DIFFEI	RENT CREV	W, EXPERIENC	CED DRILI	ER.	
01:00	01:30	0.5	SURVEY @ 40	00', 2.0°							
01:30	06:00	4.5	DRILLING 400	0'-4355', 355'	, AVG 79 F	PH. HOLE IN	GOOD SH	APE, NO TIGI	IT HOLE O	R SLOUGHIN	G SHALES
			SAFETY MEET	INGS: PICKII	NG UP PIPI	E W/TUGGEF	VSHALLO	W GAS			
			DAYLIGHT CR	EW SHORT I	HAND 6 H	RS, NIGHTS	FULL CRE	W			
			FUEL 4039 GA	LS, USED 126	7 GALS						
			BHA HRS = JA	R HRS = MTR	HRS = 26	HRS					
			BHA HRS = JA CHECK CROW		HRS = 26	HRS	····				
03-06-200	7 Re		CHECK CROW		HRS = 26	HRS	·				
03–06–200 DailyCosts			CHECK CROW	N-O-MATIC T HATFIELD	HRS = 26	**************************************		Daily '	Total		

Days

3 **MW**

8.4

Visc

28.0

1,645

6.000 Progress

Property: 056691

Formation	:		PBTD : 0.0	0		Perf:			PKR Deg	oth: 0.0	
Activity at	Report Tin	ne: DRIL	LING								
Start	End	Hrs	Activity Descr	iption							
06:00	16:30	10.5	DRILLING 4355 390–440 TO OP								RATE FROM
16:30	17:00	0.5	SURVEY @ 501	15', 1.8°.							
17:00	06:00	13.0	OR FILL ON CO			PH, PERIMET	TERS AS AI	BOVE. HOLI	E IN GOOD	SHAPE, NO T	IGHT HOLE
			MUD LOGGER	: 50% SS, 50%	SH						
			BGG 50U, CG 1	20U							
			WASATCH @ 4	325', CHAPITA	A WELLS	@ 4934', BUC	CK CANYO	N @ 5648'			
			SAFETY MEET	INGS: CABLE	LINES/M	AKE UP-BR	EAK OUT 1	ONGS/FLO	OR POSITIO	N	
			FULL CREWS								
			FUEL 2930 GAI	LS, USED 1109	GALS						
			BHA HRS = JAI	R HRS = MTR	HRS = 49.3	HRS					
			CHECK CROW	N-O-MATIC		r					
03-07-200	7 Re	ported I	By KI	T HATFIELD /	RICH DE	IBOWSKI					
DailyCosts	: Drilling			Con	npletion	\$0		Daily	Total	į.	
Cum Costs	s: Drilling			Con	npletion	\$0		Well	Total		
MD	7,230	TVD	7,230	Progress	1,230	Days	4	MW	8.4	Visc	27.0
Formation	:		PBTD : 0.	0		Perf:			PKR De	oth: 0.0	
Activity at	Report Tir	ne: DRII	LLING						•		
Start	End	Hrs	Activity Descr	ription							
06:00	14:30	8.5	DRILLING 6000 USING POLYM CAVINGS, THE	ER & GEL SW	EEPS, NO	FILL OR TIC	GHT HOLE.	BEGAN SE	EING SMAL	L AMOUNT C	
14:30	15:00	0.5	SURVEY @ 646	52', 2.2°.							
15:00	18:00	3.0	DRILLING 653' POLYMER ANI SHALE.	7'-6687', 150', O GEL SWEEP	, AVG 50 F S. CUTTIN	PH, 18–21K V IGS REMAIN	VOB, 40–60 I SAME AS	RPM TABL WITH MUD	E/60 MTR. C . NO SIGN O	IRC MUD TAN F CAVING/HE	NKS USING EAVING
18:00	00:00	6.0	DRILLING 668' USING POLYM HEAVING/CAV	ER AND GEL	, AVG 44.7 SWEEPS.	FPH, 18–21K CUTTINGS R	WOB, 40-4 EMAIN SA	60 RPM TAB .ME. LARGE	LE/60 MTR. EST 1/2"-3/4"	CIRC MUD TA . NO SIGN OF	ANKS
00:00	06:00	6.0	DRILLING 6955 CONNECTION TABLE/60 MOT	AND GEL SW	EEPS EVE	PH, NO DRAI RY 5–7 CON	G ON CONI NECTIONS	NECTIONS.	CIRC PITS U E WOB TO 18	SING POLYM ⊢25K. ROTAR	ER EVERY XY 30–55
			SAFETY MEET NO ACCIDENT				MUD TRUC	KS			
			BOILER 11 HO	URS							
			FULL CREWS	ON MORNING	TOUR, I	MAN SHORT	ON DAY T	OUR			
			FUEL ON HAN								
			FUNCTION TE	ST CROWN-O	-MATIC						
			INSPECT BRAI	KE LINKAGE A	AND CON	NECTIONS					

MAXIMUM GAS 304U AT 6308', BACKGROUND GAS 25–275U, CONNECTION GAS 368-1315U, TRIP GAS NA DRILLING 60% SHALE, 30% SANDSTONE, 10% RED SHALE

FUNCTION TESTED RAMS

			FUNCTION II								
03-08-2007	7 R	eported l	By R	ICH DEMBOW	'SKI						
DailyCosts:	Drilling	(Co	mpletion	\$0		Daily	Total	\	
Cum Costs:	Drilling			Co	mpletion	\$0		Well	Total		
MD	7,877	TVD	7,877	Progress	665	Days	5	MW	8.4	Visc	27.0
Formation	:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at 1	Report Ti	me: TRII	PPING								
Start	End	Hrs	Activity Des	cription							
06:00	12:00	6.0	DRILL 7230' - SWEEP. MW A	- 7457', 227', A AFTER SWEEP							ID PUMP
12:00	13:30	1.5	DRILL 7457' -	- 7516'. MW IN	AND OUT	8.4+ PPG, 2	9 VIS.				
13:30	14:00	0.5	SERVICE RIG	. GREASE BLO	OCK AND S	SWIVEL. IN	SPECT KELL	Y SPINNER	AND CHEC	K FOR FUNC	TION.
14:00	18:00	4.0	DRILL 7516' - TO 8.8 PPG. C	- 7687', 171' IN UTTINGS APP							NG MW UP
18:00	00:00	6.0		O WEIGHT 9.2 G STREAKY A	PPG. CUTT T INSTANT	TINGS APPE	AR NORMA	L WITH NO	APPARENT	SPALLING/SI	LOUGHING.
00:00	01:00	1.0	DRILL 7861' - ENOUGH DO								
01:00	02:00	1.0	PU OFF BOTT SEC VISCOSI #1 – 390 PSIG	TY. MEASURE	D NEW SP	R AND PRE	SSURES PRI				
02:00	06:00	4.0	LESS DRAG. I SLICK WITH ROTATING HI REPORT TIMI PULLED 109 S	ED PIPE SLOW	LY THRU NG NOT C I DRAG. N AND FIN C INCORRE I. VERIFYI	FIGHT SPO ORRECT FO O DRAG FR OUT OF THE CT. TALLY I NG BHA. W	TS BY DROP OR FIRST 15 OM 4000' TO HOLE WITH INDICATES T ILL SLM IN	PING DOWN STANDS PU SHOE AT 24 I THE BHA. I'HAT 108 ST HOLE TO VI	I AND PULL LLED. REM 144'. PIPE PI PULLING H DS PLUS 1: ERIFY DEPT	ING BACK T AINING PIPE ULLED SLICI EAVYWATE I SINGLE IN HO TH. HOLE SHO	HRU WITH PULLED K. PULL DP AT OLE. DULD BE
			SAFETY MEE	TING: ELECT	RICAL SAF	ETY/MIXIN	NG MUD				
			NO ACCIDEN	TS REPORTED	THE LAS	Γ 24 HOURS	5				
			0 BOILER HO	URS							
			FULL CREW	FOR MORNIN	G TOUR, O	NE MAN SI	ORT ON DA	YLIGHT CR	EW		
			FUEL ON HA	ND 5464 GALS	, USED PA	ST 24 HOUI	RS 872 GALS				
			FUNCTION T	EST CROWN-	O-MATIC						
			INSPECT BRA	KE LINKAGE	AND CON	NECTIONS					
				AS 5205U AT 1					ΠON GAS 3	13–613U, TRI	P GAS NA
				% SHALE, 60%		YINE AIND I	JW KED SHA	.LC	·		
03-09-2007	7 R	eported l	By R	ICH DEMBOW	SKI						

03-09-2007 Reported by	Ideii beiiboii sid	
DailyCosts: Drilling	Completion \$0	Daily Total
Cum Costs: Drilling	Completion \$0	Well Total
	n 0	

MD	8,145	TVD	8,145	Progress	250	Days	6	MW	9.1	Visc	36.0
Formation:			PBTD : 0.	0		Perf:			PKR Dep	oth: 0.0	
Activity at F	Report Tir	ne: DRII	LLING								
Start I	End	Hrs	Activity Descr	ription							
06:00	12:00	6.0	FINISH OUT O								
12:00	13:00	1.0	RIH WITH NEV	W BIT AND MI	J D MOTO	R, BHA AND	DP. TALLY	DP WHILE	RIH.		
13:00	13:30	0.5	SAFETY MEET RUNNING PIPI WORK WITH T	E IN HOLE WI	TH FLOAT	IN STRING	. ALSO DIS				
13:30	14:30	1.0	FINISH IN HO	LE TO CASINO	SHOE W	TH DRILL S	STRING. SH	UT DOWN.			
14:30	18:00	3.5	SERVICE RIG. FROM CATHE. MECHANIC A	AD SYSTEM. I	REPLACE	WITH NEW	EQUIPMEN	T. HYDRAL	LIC MECHA!	NIC AND PIO	
18:00	23:00	5.0	SLM IN HOLE ENTIRE HOLE GAS SEEN WA	. 25' FILL ON	воттом.	WASH TO B	оттом. Со	ORRECTED	TD IS 7895' (+		
23:00	00:00	1.0	DRILL 7895' TO 1600 PSIG. MU				IT, ROP 20-	55 FPH, WC	OB 15-19K, PU	JMP 380-400	GPM @
00:00	06:00	6.0	DRILL 7930' TO KMV PRICE R				VIS. DRILL	ING AHEAI	WITHOUT A	ANY PROBLE	MS. TOP OF
			SAFETY MEET	ΓING: TRIPPIN	IG PIPE/W	ELL CONTR	OL				
			NO ACCIDENT	'S REPORTED	THE LAS	Γ 24 HOURS					
			0 BOILER HO	URS							
			FULL CREW F	OR BOTH TO	JRS						
			FUEL ON HAN	ID 4831 GALS,	USED PA	ST 24 HRS 6	33 GALS				
			FUNCTION TE	ST CROWN-C	-MATIC						
			INSPECT BRA	KE LINKAGE	AND CON	NECTIONS					
			MAX GAS 140 DRILLING 309					N GAS 439-	549U, TRIP G	AS 1050U	
03-10-2007	Re	ported	By RI	CH DEMBOW	SKI						
DailyCosts:	Drilling			Con	npletion	\$0		Dail	y Total		
Cum Costs:	Drilling	:		Con	npletion	\$0		Well	l Total	•	
MD	8,534	TVD	8,534	Progress	389	Days	7	MW	9.1	Visc	36.0
Formation :			PBTD : 0	.0		Perf:			PKR Der	oth: 0.0	
Activity at I	Report Ti	me: POC	Н						•		
Start 1	End	Hrs	Activity Desc	ription							
06:00	12:00	6.0	DRILL FROM : ROTARY, 380-		. MUD WE	IGHT 9.1+ P	PPG, 34 VIS.	(188', 31.3 F	PH AVG ROP). 15–19 K W O)B, 40-55
12:00	16:15	4.25	DRILL FROM	8333' TO 8414'	. MUD IN	9.1 + PPG , 38	VIS. MUD	OUT 9.2 PPC	G, 34 VIS. (81'.	. AVG 19 FPH).
16:15	16:45	0.5	SERVICE RIG.	GREASE BLO	CK AND S	WIVEL, CR	OWN BEAR	INGS.			
16:45	18:00	1.25	CO ROT HEAD	RUBBER.							
18:00	00:00	6.0	DRILL FROM	8414' TO 8501'	. MW 9.0 F	PPG, VIS 34.	(87', 14.5 FP	PH AVG ROP	").		

00:00	05:00	5.0	DRILL FROM 8501' RESULTS, PREPAR	' TO 8534'. BIT NOT E TO TOOH FOR NE					ROTARY, PU!	MP AND NO
05:00	06:00	1.0	SLUG PIPE AND TO MUD WEIGHT 9.11	OOH FOR NEW BIT.					OTTOM BEFO	ORE POOH.
			SAFETY MEETING	: HOUSEKEEPING/I	PRESSURE P	UMPING				
			NO ACCIDENTS RE	EPORTED THE LAST	Γ 24 HOURS					
			0 BOILER HOURS							
			FULL CREW FOR M	MORNING TOUR, 1	MAN SHORT	FOR DAY	TOUR			
			FUEL ON HAND 38	801 GALS, FUEL USI	ED 1030 GAL	S				
			FUNCTION TEST C	ROWNOMATIC						
			INSPECT BRAKE L	INKAGE AND CON	NECTIONS					
			MAXIMUM GAS 19	959 U AT 8443', BG C	GAS 25-517 U	J, CONN G	AS 416-2169	U, TRIP GA	S N/A	
			DRILLING 50% SH	ALE, 20% SANDSTO	ONE AND 309	6 SILTSTO	NE			
03-11-20	007 R	eported l	By RICH I	DEMBOWSKI					··········	
DailyCos	ts: Drilling			Completion	\$0		Dails	y Total	•	
Cum Cos	ts: Drilling			Completion	\$0			Total		
MD	8,760	TVD	8,760 Pro	ogress 226	Days	8	MW	9.1	Visc	35.0
Formatio	n:		PBTD : 0.0	J	Perf :			PKR De	oth : 0.0	
Activity a	at Report Ti	me: DRI	LLING						, , , , , , , , , , , , , , , , , , , ,	
Start	End	Hrs	Activity Description	on						
06:00	13:30	7.5	TRIP OUT OF HOLI FROM 4000' TO CA STARTED PULLING		AG/BOBBLE	S WHILE P SING. PIPI	ULLING IN ENOT DRAI	TO CASING ' INING. PULL	WITH BHA.	STRING
13:30	21:15	7.75	PU NEW MOTOR A BIT AND MOTOR. I	ND NEW BIT. TIIH. HOLE WAS SLICK T					SH IN HOLE	WITH NEW
21:15	22:15	1.0	TAG 20' FILL. CIRC	ULATE BU AND WA	ASH TO BOT	ГОМ. МАХ	GAS APPRO	OX 750 UNIT:	S OFF BOTT	ОМ.
22:15	00:00	1.75	DRILL FROM 8534' ROTARY 45-60 RPM		IGHT 9.2 PPC	G, 37 VIS. (5	55' IN 1:45, 3	1.4 FPH AVG	ROP). WOB	12-20 K .
00:00	02:00	2.0	DRILL FROM 8589'	- 8657 '.						
02:00	03:00	1.0	SET CLOCKS AHEA	AD 1 HR FOR DST.						
03:00	06:00	3.0	DRILL FROM 8657' 20K, ROTARY 45-55		EIGHT: 9.2 PP	G, VIS 38. (171' IN 5 HO	OURS. 34.2 F	PH AVG ROF). WOB 12-
			SAFETY MEETING PRETOUR MEETIN	: TRIPPING PROCEI G	OURES/DISC	USSED SAI	FETY AND J	SA'S WITH (CREW IN MO	ORNING
			NO ACCIDENTS RE	PORTED THE LAST	24 HOURS					
			0 BOILER HOURS							
				MORNING TOUR, 1 I			TOUR			
			FUEL ON HAND 67		ED 619 GALS					
			FUNCTION TEST C							
			INSPECT BRAKE L	INKAGE AND CON	NECTIONS					
			MAXIMUM GAS 11	91 U AT 8537'. BG G	SAS 12-265 U	, CONN GA	NS 428-585 I	J. TRIP GAS	959 U	
				ALE, 40% SANDSTO				-, 0/10		

03-12-200	77 R	eported B	y RIC	CH DEMBOWS	SKI						
DailyCosts	: Drilling			Con	pletion	\$0		Dail	y Total	ζ.	
Cum Cost	s: Drilling	į.		Con	npletion	\$0		Well	Total		
MD	9,262	TVD	9,262	Progress	502	Days	9	MW	9.4	Visc	33.0
Formation	:		PBTD : 0.	0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	ime: TRIP	OUT OF HOLE	FOR BIT							
Start	End	Hrs	Activity Desci	ription							
06:00	12:00	•	DRILL FROM 8 CONNECTION 9.7 PPG, 36 VIS 34.8 FPH AVG I). SLOWLY BE . HAD TIGHT	RINGING N CONNEC	MUD WEIGH	IT UP. MUD BROUGHT M	WEIGHT @ IW FROM 9	8830' 9.4 PP	G, 34 VIS. M	W AT 8969',
12:00	14:30	2.5	DRILL FROM 8	8969' TO 9049'	. MW 9.7 F	PPG, VIS 32.	DRILLED 8	O' THIS INT	ERVAL. 32 FF	PH AVG ROP.	
14:30	15:00	0.5	SERVICE RIG.	GREASE BLO	CK, SWIV	EL, MOTOR	S, ETC.				
15:00	18:00	3.0	DRILL FROM 9	0049' TO 9136'	. MUD WE	IGHT 9.7 PF	PG, 32 VIS. 8	7' THIS INT	ERVAL. 29 FI	PH AVG ROP.	
18:00	00:00		DRILL FROM 9 25K, ROTARY 4			EIGHT 9.8 PF	PG, 37 VIS. 1	22' THIS IN	TERVAL. 20 I	FPH AVG ROI	P. WOB 18–
00:00	01:30		DRILL FROM S ROTARY, WEIG					SIT STOPPE	D DRILLING	. WORK BIT,	VARY
01:30	03:00	1.5	CIRCULATE B	OTTOMS UP A	ND CONI	DITION MUI	D PRIOR TO	MAKING T	RIP.		
03:00	06:00	3.0	BUILD SLUG.	PREPARE ANI	D DROP ST	JRVEY. SLU	IG PIPE. POI	I FOR NEW	BIT. MUD W	EIGHT 9.8 P	PG, 38 VIS.
			NO ACCIDENT 0 BOILER HOI FULL CREW F FUEL ON HAN FUNCTION TE INSPECT BRA	URS OR MORNINC ID 5623 GALS, ST CROWNON	TOUR, 1 FUEL US	MAN SHOR ED 1109 GA	T FOR DAY	TOUR			
			MAXIMUM GA DRILLING 50%						,	S N/A	
03-13-20		Reported B		CH DEMBOW	····	ALE, 10% 3/	ANDSTONE	AND 20% 3	LISTONE		
		•	y Ki								
•	s: Drilling				npletion	7			y Total		
	s: Drilling				npletion				i Total		
MD	9,395	TVD	9,395	Progress	133	Days	10	MW	9.8	Visc	38.0
Formation			PBTD : 0	.0		Perf:			PKR De	pth : 0.0	
	t Report T	ime: DRIL	LING								
Start	End		Activity Desc	•							
06:00	13:00		PULL ROTATII DEGREES AT S HEAD RUBBE	9194'). LD MU	D MOTOR	AND BIT. P	U NEW BIT	AND MOTO			
13:00	14:15	1.25	SLIP & CUT D	RILL LINE.							
14:15	14:45	0.5	FILL DRILL ST	TRING WITH	MUD.						
14:45	22:30		FINISH IN HO BRIDGES, FIR OF FILL. WAS	ST AT ±9122',	THEN AT	±9155' AND	LAST BRID	GE AT ±919	0'. BROKE T	HRU WITH 3	-5K, HAD 60'

22:30 06:00

7.5 DRILL FROM 9262' TO 9395'. MUD WEIGHT 9.9+ PPG, VIS 42. 14–24K WOB. 35–65 ROTARY. 380 GPM. 5–65 FPH INSTANTANEOUS ROP, 17.7 FPH AVG ROP.

SAFETY MEETING: TRIPPING PIPE (SAME FOR EACH TOUR)

NO ACCIDENTS REPORTED THE LAST 24 HOURS

0 BOILER HOURS

FULL CREW FOR MORNING TOUR, I MAN SHORT FOR DAY TOUR

FUEL ON HAND 5068 GALS, USED PAST 24 HRS 555 GALS

FUNCTION TEST CROWN-O-MATIC

INSPECT BRAKE LINKAGE AND CONNECTIONS

MAX GAS 1979U AT 9239', BACKGROUND GAS 450-1289U, CONN GAS 1172-1391U, TRIP GAS 2024U

DRILLING 40% CARBSHALE, 40% SANDSTONE, 20% SILTSTONE

FUNCTION TEST PIPE RAMS AND BLINDS WHILE OUT OF HOLE

Formation :			PBTD : 0	.0		Perf:		pth: 0.0						
MD	9,780	TVD	9,780	Progress	385	Days	11 MW 9.9 Visc				40.0			
Cum Costs: Drilling				Con	pletion		Well Total							
DailyCosts: I	Drilling			Com	pletion	\$0		Daily	Total	•				
03-14-2007	Re	ported By	RI	CH DEMBOWS	SKI									

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	12:45	6.75	DRILLING FROM 9395' TO 9520', 125' @ 18.5 FPH AVG ROP, MUD WEIGHT 9.9 PPG IN/OUT, VIS 47/41 IN/OUT, 12–18K WOB, 40 –60 ROTARY.
12:45	13:15	0.5	SERVICE RIG. GREASE RIG, DRAWWORKS, SWIVEL, BLOCK, ETC.
13:15	17:00	3.75	DRILL FROM 9520' TO 9583, MUD WEIGHT IN/OUT 9.9 PPG, 42 VIS, 63' THIS INTERVAL, 16.8 FPH.
17:00	18:00	1.0	CO ROT HEAD RUBBER AND REALIGNED WELLHEAD WITH SUBSTRUCTURE.
18:00	06:00	12.0	DRILLING FROM 9583' TO 9780', 197' THIS INTERVAL, 16.4 FPH, MUD WEIGHT IN 9.8+ PPG, 42 VIS, MUD WEIGHT OUT 9.9 PPG, 43 VIS. CUTTINGS OVER SCREEN MOSTLY SILTSTONE, 15–22K WOB, 370–390 GPM, 40–55 ROTARY

SAFETY MEETING: MAKING CONNECTIONS/SAFE USE OF ELECTRICAL EQUIPMENT/DISCUSSED JSA'S AND SAFETY MINUTES WITH EACH CREW

NO ACCIDENTS

0 BOILER HOURS

FULL CREW FOR DAY TOUR, 1 MAN SHORT FOR MORNING TOUR

FUEL ON HAND 3960 GALS, FUEL USED 1108 GALS

FUNCTION TEST CROWNOMATIC

INSPECT BRAKE LINKAGE AND CONNECTIONS

MUDLOGGER MAXIMUM GAS 4290 U AT 9429', BG GAS 460–2490 U, CONN GAS 1172–3620 U, TRIP GAS N/A DRILLING 20% SHALE, 60% SANDSTONE AND 20% SILTSTONE

03-15-2007	Re	ported By	RI	CH DEMBOWS	KI											
DailyCosts: D	rilling			Com	pletion	\$0	Daily Total									
Cum Costs: D	rilling	g		Com	pletion			Well 7	Total .							
MD	10,100	TVD	10,100	Progress	320	Days	12	MW	9.8	Visc	38.0					

Formation:

PBTD: 0.0

Perf:

PKR Depth: 0.0

Activity at Report Time: CIRC/COND MUD PRIOR TO LDDP - RU LD MACHINE AND CREW

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL 9780' TO 9859', 79' THIS INTERVAL, 13.2 FPH AVG ROP. MUD WEIGHT IN 9.7 PPG, 41 VIS. MUD WEIGHT OUT 9.7 PPG, 43 VIS, 15–22K WOB, 40–60 ROTARY, 380 GPM.
12:00	13:30	1.5	DRILL 9859' TO 9901'.
13:30	13:45	0.25	SERVICE RIG. GREASE BLOCK AND SWIVEL.
13:45	18:00	4.25	DRILL 9901' TO 9995', 94' THIS INTERVAL, 22.1 FPH ROP. MUD WEIGHT 9.7 PPG, 40 VIS AT 10088', MW IN/OUT 10.0 PPG, 41/42 VIS.
18:00	21:00	3.0	DRILL 9995' TO 10050'. START BRINGING MUD WEIGHT UP TO 10.2 PPG, MUD WEIGHT AT 10050' 9.7 PPG, 40 VIS.
21:00	01:00	4.0	DRILL 10050' TO 10,100' TD. BRING MUD WEIGHT UP TO 10.2 PPG AT 10070', MUD WEIGHT 9.9 PPG, VIS 40 SEC. CASING POINT AT 01:00 HRS. MUD WEIGHT AT 10,100' 10.1 PPG, 40 SEC VIS. REACHED TD AT 01:00 HRS, $3/15/07$.
00:10	03:00	2.0	CIRCULATE/CONDITION MUD AND HOLE WHILE WEIGHTING UP MUD TO 10.2 PPG. MUD WEIGHT IN/OUT 10.2 PPG.
03:00	06:00	3.0	MAKE 20 STAND SHORT TRIP. NO FILL ON BOTTOM. PU KELLY AND CIRCULATE/CONDITION MUD PRIOR TO LD DP. RU LD MACHINE WHILE MAKING SHORT TRIP.

SAFETY MEETING: HOUSEKEEPING/LD DRILL PIPE

NO ACCIDENTS REPORTED THE LAST 24 HOURS

0 BOILER HOURS

FULL CREWS FOR BOTH TOURS

FUEL ON HAND 2930 GALS, USED PAST 24 HRS, 1030 GALS

FUNCTION TEST CROWN-O-MATIC

INSPECT BRAKE LINKAGE AND CONNECTIONS

MUD LOGGER:

MAXIMUM GAS: 2490U AT 9696', BACKGROUND GAS 1233U, CONN GAS 1944U, TRIP GAS N/A

DRILLING 20% CARB-SHALE, 70% SANDSTONE, 10% SILTSTONE

WILL RELEASE MUD LOGGER AFTER RD MUD LOGGING EQUIPMENT

03-16-20	007 R	eported l	By RICH DEM	BOWSKI								
•	ts: Drilling			Completion	•		Daily Total					
Cum Cos	sts: Drilling			Completion			Weil	Total				
MD	10,100	TVD	10,100 Progr e	ess 0	Days	13	MW	10.2	Visc	41.0		
Formatio	n:		PBTD : 0.0		Perf: PKR Depth: 0.0							
Activity a	at Report T	ime: RUN	INING CASING									
Start	End	Hrs	Activity Description									
06:00	08:30	2.5	CIRCULATE AND CON JSA WITH ALL PERSO		WAIT FOR B	U GAS TO D	ISSIPATE. R	RU LD MACH	INE AND CR	EW. HOLD		
08:30	21:30	13.0	BUILD AND PUMP SLUBEGIN LAYING DOWN CASING. LEFT VOICE DRILL PIPE. POOH W/Z CASING). POOH AND I DERRICK AND POOH, BOBBLES WHEN BHA	I DRILL PIPE. JA MAIL MESSAG 24 STANDS (48 . LD REMAINDEI LD REMAINING	AMIE SPARC E AND CON ITS) OF DRI R OF DRILL G DRILL PIF	GER, BLM, N FIRMED VEI LL PIPE AND PIPE AND B PE. NO DRAC	OTIFIED OI RBALLY AT DRACK IN I HA. RIH WI GTHROUGH	F RUNNING A 0845 TODAY DERRICK (BI TH 24 STANE I 4000' – 2444	AND CEMEN LAY DOWN TINSIDE SU OS RACKED RANGE. 5-	TING 194 JTS JRFACE IN 10K		

21:30	23:00			SUSHING. RD T			ORS. RU CA	ASING C	REW AND RU	JNNIN	G EQUIPN	MENT. HOLD
23:00	06:00	C) PI	OLLAR, 4–1/2	IN ORDER, 4– 2", 11.60#, HCP AND APPROX	110, LTC	CASING TO	SURFACE.	PLACE	D MARKER J	OINTS	APPROX	400' ABOVE
		C	ONDUCTED	SAFETY MEET	TINGS O	N PHINNING	CASING A	ND I D D	DII I DIDE			
				S REPORTED				אט נט ט	KILL FIFE.			
			BOILER HO			,						
				FOR BOTH TO	URS.							
		FU	JEL ON HAN	ID - 2138 GALI	LONS							
		FU	JEL USED PA	AST 24 HOURS	– 792 G	ALLONS						
		FI	JNCTION TE	ST CROWNOM	ATIC.							
		IN	ISPECT BRA	KE LINKAGE A	AND CO	NNECTIONS.						
		М	UDLOGGER	RELEASED AT	Г 1500 НІ	RS, 3/15/07.						
				ER, BLM, NOTI MED VERBALL				NTING C	CASING (LEF	T VOI	CE MAIL N	MESSAGE)
03-17-20	07 R	eported By	RI	CH DEMBOWS	SKI				T FF A			
DailyCos	s: Drilling			Com	pletion			1	Daily Total		\$	
*	ts: Drilling				pletion				Well Total			
MD	10,100	TVD	10,100	Progress	0	Days	14	MW		.0	Visc	0.0
Formatio	n:		PBTD : 0.	•		Perf :					h : 0.0	
Activity a	t Report Ti	me: RDRT/	WO COMPLE	TION						_ p		
Start	End	Hrs A	ctivity Descr	ription								
06:00	07:00	1.0 FI A	NISH IN HOI ND RIH. HOL	LE WITH 4-1/2 LD HANGER 2' J/LD MACHINI	ABOVE							
07:00	09:00	2.0 RI	U CIRCULAT	ING HEAD. CI	RCULAT	E AND CONI	DITION MU	D PRIO	R TO RUNNIN	NG CA	SING. RU	CEMENTERS.
09:00	12:00	A: W 49 A' E: TC B! PS SU	ND PUMP SP. ATER, LEAD & EXTENDER [13.0 PPG, 1. XTENDER, 0. DP PLUG, CL BLS EARLY, 1 SIG). BLED B JRFACE. FLL	FETY MEETIN ACERS AND C SLURRY CON R, 2% EXPAND 75 YIELD; FOL 2% DISPERSA EAN LINES AN PRESSURE TO ACK 1.5 BBLS USH STACK AN AND RETEST. S	EMENT ISISTING ING CE, LLOWED NT, 0.2% ND DISPI 700 PSIC . FLOATS	IN THE FOLL OF 365 SXS 0.25% LCM, (BY TAIL SLI FLUID LOSS LACE CEMEN GOVER FINA SHOLDING. CASING. CASI	OWING OI 30:65 POZ 0.2% ANTII URRY: 1860 5 CONTROI NT WITH 1: L PUMP PI HAD APPR ASING LAN	RDER: 20 G CEME FOAM, 0. D SXS 50: L, 0.1% A 57 BBLS RESSURI OX 10 BI	D BBL CHEM NT WITH TH .75% FLUID I .50 POZ G CE .NTIFOAM A .OF FRESH W E (2800 PSIG BL OF CEME 10,090'. TES'	ICAL V E FOL LOSS A MENT ND 0.1 VATER FCP, P NT RE	WASH, 201 LOWING AND 0.25% IS WITH 24 MRETAR BUMPED RESSURE TURNS TO	BBL FRESH ADDITIVES: FRETARDER BER. DROP PLUG 1.5 D TO 3500 D THE
		FI	OAT COLLA	R = 10047'								
			ARKER JOIN									

MARKER JOINT = 3823'

15.0 RD RIG.

3.0 CLEAN MUD TANKS, ND BOPS. BEGIN RD OF RIG.

12:00

15:00

15:00

06:00

CONDUCTED SAFETY MEETINGS ON RIGGING DOWN RIG.

NO ACCIDENTS REPORTED THE LAST 24 HOURS.

0 BOILER HOURS.

FULL CREWS FOR BOTH TOURS.

FUEL ON HAND - 2059 GALLONS

FUEL USED PAST 24 HOURS - 79 GALLONS

FUNCTION TEST CROWNOMATIC.

INSPECT BRAKE LINKAGE AND CONNECTIONS.

JAMIE SPARGER, BLM, NOTIFIED OF ESTIMATED BOP TEST TIMES FOR NEXT WELL, WHF 107-34. LEFT VOICE MAIL MESSAGE PER MR. SPARGERS INSTRUCTIONS ON 3/15/07.

06:00

18.0 RELEASE RIG AT 1500 HRS, 3/16/07.

CASING POINT COST \$931,954

,			ASING POIN	T COST \$931,9	54						
03-24-20	007 Re	ported By	SI	EARLE							
DailyCost	ts: Drilling	\$0		Con	pletion			Daily	Total		
Cum Cos	ts: Drilling			Соп	pletion			Well	Total		
MD	10,100	TVD	10,100	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0047.0		Perf:			PKR De	pth: 0.0	
Activity a	it Report Ti	me: PREP	FOR FRACS								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00		IIRU SCHLU CHLUMBER	MBERGER. LO GER.	G WITH R	ST/CBL/CC	L/VDL/GR F	ROM PBTD	TO 70'. CEM	IENT TOP @ 1	80'. RD
03-30-20	007 R	eported By	M	CCURDY							
DailyCos	ts: Drilling	\$0		Con	apletion	;		Daily	y Total	:	
Cum Cos	ts: Drilling			Con	pletion	\$.		Well	Total		
MD	10,100	TVD	10,100	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n:		PBTD:	0047.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: PREP	FOR FRAC								
Start	End	Hrs A	ctivity Desc	cription							
18:00	19:00	1.0 N	IU 10M FRAC	TREE. PRESS	URE TEST	FRAC TRE	E & CASING	TO 8500 PS	IG, HELD O	K. PREP FOR	FRAC.
04-03-20	007 R	eported By	, M	ICCURDY							
DailyCos	ts: Drilling	\$0		Con	npletion	٧.		Daily	y Total		
Cum Cos	its: Drilling	,		Con	npletion			Well	Total	e	
MD	10,100	TVD	10,100	Progress	0	Days	17	MW	0.0	Visc	0.0
Formatio	n: MESAVE	ERDE	PBTD:	10047.0		Perf : 841	12'-9941'		PKR De	pth: 0.0	
Activity a	at Report Ti	me: FRAC	UPR								
Start	End	Hrs A	Activity Des	cription							
06:00	19:00	9 S Y	684'-85', 969 PF & 120° PF (F116ST+ PA	WIRELINE. PE 20'-91', 9710'-1 IASING. RU SC D & 47928 GAL G. ATR 43.2 BPM	11', 9725'- HLUMBE YF116ST-	26', 9774' <i>-</i> 7 RGER. FRAG WITH 1218	75', 9784'-85 C DOWN CA 800# 20/40 S/	', 9791'–92', SING WITH AND @ 1–5	, 9880'-81', 9 165 GAL GY	922'-23' & 99 (PTRON T-10	40'-41' @ 3 6, 5202 GAL

RUWL. SET 10K CFP AT 9590'. PERFORATED LPR FROM 9344'-45', 9351'-52', 9362'-63', 9399'-400', 9431'-32', 9439'-40', 9450'-51', 9481'-82', 9509'-10', 9542'-43', 9558'-59' & 9564'-65' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5196 GAL YF116ST+ PAD & 47598 GAL YF116ST+ WITH 120,300 # 20/40 SAND @ 1-5 PPG. MTP 7872 PSIG. MTR 45.6 BPM. ATP 5828 PSIG. ATR 43.4 BPM. ISIP 4430 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9320'. PERFORATED MPR FROM 9156'-57', 9163'-64', 9180'-81', 9189'-90', 9206'-07', 9224'-25', 9244'-46', 9280'-82' & 9302'-03' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5471 GAL YF116ST+ PAD & 61477 GAL YF116ST+ WITH 159300# 20/40 SAND @ 1-5 PPG. MTP 8184 PSIG. MTR 45.9 BPM. ATP 5750 PSIG. ATR 40.8 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 9125'. PERFORATED MPR FROM 8902'-03', 8910'-11', 8919'-20', 8927'-28', 8939'-40', 8960'-62', 9016'-17', 9046'-47', 9071'-72' & 9110'-12' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5198 GAL YF116ST+ PAD & 58558 GAL YF116ST+ WITH 158900# 20/40 SAND @ 1-5 PPG. MTP 7177 PSIG. MTR 47.1 BPM. ATP 5056 PSIG. ATR 44.6 BPM. ISIP 3300 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8875'. PERFORATED UPR/MPR FROM 8625'-26', 8642'-44', 8660'-61', 8667'-68', 8723'-24', 8746'-47', 8765'-66', 8775'-76', 8806'-07', 8843'-44' & 8855'-56' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4781 GAL YF116ST+ PAD, 49945 GAL YF116ST+ WITH 129800# 20/40 SAND @ 1-5 PPG. MTP 7130 PSIG. MTR 46.3 BPM. ATP 5178 PSIG. ATR 43.4 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8595'. PERFORATED UPR FROM 8412'-13', 8420'-21', 8425'-26', 8444'-45', 8452'-53', 8478'-79', 8489'-90', 8516'-18', 8533'-34', 8547-48' (MISFIRE) & 8575'-76' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4161 GAL YF116ST+ PAD, 44223 GAL YF116ST+ WITH 108500# 20/40 SAND @ 1-5 PPG. MTP 7732 PSIG. MTR 45.8 BPM. ATP 5517 PSIG. ATR 42.5 BPM. ISIP 3520 PSIG. RD SCHLUMBERGER. SDFN.

JRS

Activity Description

End

Hrs

Start

04-04-2007	Reported By	М								
DailyCosts: Drill	ling \$0		Com	pletion			Daily	Total	•	
Cum Costs: Dril	ling		Com	2	Well Total					
MD 10,	100 TVD	10,100	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation : MES	SAVERDE	PBTD : 10	0047.0		Perf: 7903	3'-9941'		PKR De	pth: 0.0	
Activity at Repo	rt Time: RIH W	MILL FOR C	LEANOUT							

06:00	17:00	11.0 SICP 2632 PSIG. RUWL. SET 10K CFP AT 8355'. PERFORATED UPR FROM 8159'-60', 8166'-67', 8178'-79', 8199'-200', 8208'-09', 8267'-68', 8275'-76', 8285'-86', 8293'-94', 8303'-04', 8325'-26' & 8335'-36' @ 3 SPF &
		120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 5222 GAL YF116ST+ PAD & 56476
		GAL YF116ST+ WITH 148200# 20/40 SAND @ 1-5 PPG. MTP 5891 PSIG. MTR 45.6 BPM. ATP 4466 PSIG. ATR 43.5
		BPM. ISIP 3225 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8120'. PERFORATED UPR FROM 7903'-04', 7923'-24', 7943'-44', 7973'-74', 7983'-84', 7991'-92', 8002'-03', 8034'-35', 8052'-53', 8072'-73', 8082'-83' & 8108'-09' @ 3 SPF & 120° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING WITH 4780 GAL YF116ST+ PAD & 47678 GAL YF116ST WITH 117600# 20/40 SAND @ 1-5 PPG. MTP 7714 PSIG. MTR 45.9 BPM. ATP 5377 PSIG. ATR 43.1 BPM. ISIP 3650 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CBP AT 7820'. BLED OFF PRESSURE. RDWL. MIRUSU. ND FRAC TREE. NU BOPE. RIH W/3-7/8" MILL & PUMP OFF BIT SUB TO 3200 '. SDFN.

DailyCosts: Cum Costs:		ported By	G.	BAUSCH							
	Drilling	\$0		Com	pletion			Dail	y Total		
	Drilling			Com	pletion	.		Well	Total		
MD	10,100	TVD	10,100	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation :	: MESAVE	RDE	PBTD : 1	0047.0		Perf : 7903	3'-9941'		PKR De	pth: 0.0	
Activity at l	Report Tii	ne: C/O AFT	ER FRAC								
Start 1	End	Hrs Act	tivity Desc	ription							
07:00	17:30		I TO TAG @ H TO 7820'	7820'. CLEAN SDFN.	ED OUT &	& DRILLED (OUT PLUG	S @ 7820', 8	120', 8355', 8	595', 8875', 91	25' & 9320
04-06-2007	7 Re	ported By	G.	BAUSCH							
DailyCosts:	Drilling	\$0		Com	pletion			Dail	y Total		
Cum Costs:	Drilling			Com	pletion			Well	Total	\$	
MD	10,100	TVD	10,100	Progress	0	Days	20	MW	0.0	Visc	0.0
Formation :	: MESAVE	RDE	PBTD : 1	0038.0		Perf: 7903	i'-9941'		PKR De _l	pth: 0.0	
Activity at I	Report Ti	ne: FLOW T	EST								
Start 1	End	Hrs Act	ivity Desc	ription							
		TUI	BING DETA	AIL LENGTH							
		DIII	MP OFF SU	B 1.00'							
				# N-80 TBG 3	2.70'						
		XN	NIPPLE	1.30'							
		197	JTS 2-3/8"	4.7# N-80 TBG	0435 30						
		BEI			8435.29	,•					
			LOW KB	19.00'	8435.29	,					
		LA		19.00' 8489.29' KB	8435.29	,					
04-07-2007	' Re	LAN ported By	NDED @		8435.29						
			NDED @	8489.29' KB BAUSCH	pletion	,		Daily	[,] Total		
DailyCosts:	Drilling	ported By	NDED @	8489.29' KB BAUSCH Com	<u> </u>				[,] Total Total		
DailyCosts: Cum Costs:	Drilling	ported By \$0	NDED @	8489.29' KB BAUSCH Com	pletion	Days	21			Vise	0.0
DailyCosts: Cum Costs: MD Formation :	Drilling Drilling 10,100 MESAVE	so TVD	ODED @ G. 10,100 PBTD: 1	8489.29' KB BAUSCH Com Com Progress	pletion pletion			Well	Total		0.0
DailyCosts: Cum Costs: MD Formation:	Drilling Drilling 10,100 MESAVE	so TVD	ODED @ G. 10,100 PBTD: 1	8489.29' KB BAUSCH Com Com Progress	pletion pletion	Days		Well	Total 0.0		0.0
DailyCosts: Cum Costs: MD Formation : Activity at I	Drilling Drilling 10,100 MESAVE	SO : TVD RDE ne: FLOW TH Hrs Act 24.0 FLO	G. 10,100 PBTD: 10 EST ivity Desc DWED 24 H	8489.29' KB BAUSCH Com Com Progress 0047.0	pletion pletion 0	Days Perf: 7903	'-9941'	Well MW	Total 0.0 PKR Dep	oth: 0.0	
DailyCosts: Cum Costs: MD Formation: Activity at I 06:00	Drilling Drilling 10,100 MESAVEI Report Tir End 06:00	TVD RDE ne: FLOW TI Hrs Act 24.0 FLO	G. 10,100 PBTD: 10 EST ivity Desc DWED 24 H	8489.29' KB BAUSCH Com Com Progress 0047.0 ription RS. 16/64" CHO	pletion pletion 0	Days Perf: 7903	'-9941'	Well MW	Total 0.0 PKR Dep	oth: 0.0	
Start 1	Drilling Drilling 10,100 : MESAVEI Report Tir End 06:00	SO : TVD RDE ne: FLOW TH Hrs Act 24.0 FLO	G. 10,100 PBTD: 10 EST ivity Desc DWED 24 H	8489.29' KB BAUSCH Com Com Progress 0047.0 ription RS. 16/64" CHO BAUSCH	pletion pletion 0	Days Perf: 7903	'-9941'	Well MW	Total 0.0 PKR Dep	oth: 0.0	

Well Name: WHF 116-34

Field: OLD SQUAW'S CROSSING

Property: 056691

MD 10,100 TVD 22 10,100 **Progress** 0 MW 0.0 0.0 Days Visc Formation: MESAVERDE **PBTD:** 10047.0 Perf: 7903'-9941' PKR Depth: 0.0 **Activity at Report Time: FLOW TEST** Start End Hrs **Activity Description** 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 1100 PSIG. CP 1350 PSIG. 38 BFPH. RECOVERED 938 BLW, 100 BC. 7016 06:00 06:00 G. BAUSCH 04-10-2007 Reported By \$0 **Daily Costs: Drilling** Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10,100 TVD 10,100 Progress 0 24 MW 0.0 Visc 0.0 Days **PBTD:** 10047.0 Formation: MESAVERDE Perf: 7903'-9941' PKR Depth: 0.0 **Activity at Report Time: WO FACILITIES** Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS. 16/64" CHOKE. FTP 850 PSIG. CP 1700 PSIG. 26 BFPH. RECOVERED 625 BLW, 60 BC. 5540 BLWTR. SI. WO FACILITIES. FINAL COMPLETION DATE: 4/9/07 04-18-2007 **HEATH LEMON** Reported By **\$0** DailyCosts: Drilling Completion \$0 **Daily Total** \$0 **Cum Costs: Drilling** Completion Well Total MD 10,100 TVD 10,100 Progress 0 Days 25 MW 0.0 Visc 0.0 Formation: MESAVERDE **PBTD:** 10047.0 Perf: 7903'-9941' PKR Depth: 0.0 Activity at Report Time: INITIAL PRODUCTION Start End Hrs **Activity Description** 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1200 & CP 3200 PSI, TURNED WELL TO QUESTAR SALES AT 06:00 06:00 1:00 PM, 4/16/07. FLOWED 200 MCFD RATE ON 12/64" POS CHOKE.

Form 3160-4 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED

	BUREAU OF LAND MANAGEMENT												OMB NO. 1004-013/ Expires: March 31, 2007			
	WELI	L COM	1PLET	TION	OR F	RECOMPLET	TION	REPOR	RT AN	D LO	G		5	Lease U-34	Serial No. 05	
la. Type of b. Type of	_	Oil W		Gas W	_	Dry Otl	_	en Pl	ug Back		Diff. R	esvr.,	7.			or Tribe Name ment Name and No.
2. Name of	f Operator	EOG I	RESOU	RCES	INC								8.		Name and \	Well No. deral 116-34
3. Address	600 17t	h Street	, Suite	1000N,	Denve	r, CO 80202			one No. 03-262-		e area	code)	9.	AFI W		
4. Location	n of Well (Report lo	cation c	learly a	nd in ac	cordance with F	edera					···	10	. Field	and Pool, or	Exploratory
At surfa	ace 2,0	075' FSL	L & 660	' FEL .	39.9019	942 LAT 109.7	61206	LON					- 11	Sec	Γ. R. M. o	/Mesaverde n Block and
At top p	prod. interv	al reporte	ed below	Sam	e								12	Surve	y or Area S	Sec. 34-T10S-R19E
At total	depth S	ame												Uintal	County	UT
14. Date Sp 08/30/			15.	Date T.I 03/15		ned		16. Date (Complete & A	ed 04 ✓ Rea	/16/2 ady to		17	Eleva 5,356		RKB, RT, GL)*
I8. Total D		D 10,10)0'			lug Back T.D.:	MD	10,047'		T		Bridge Pl	ug Set			
	TV	_					TVD			<u> </u>				TV		
RST/CBL/CCL/VDL/GR Was DST run? Directional Survey?												V	No No ✓ No	Yes (Sub	mit analysis) mit report) Submit copy)	
23. Casing	and Line	r Record	(Repo	rt all s	trings s	et in well)	TStoo	a Camanta	el Ma	of Cha	g.	Clures V	ol !			Amount Dullad
Hole Size	Size/Grad		. (#/ft.)	Top (MD) Bottom (MD) Stage Cementer No. of Sks. & Slu Type of Cement (01.	Cemen	t Top*	Amount Pulled
12-1/4"	9-5/8"	36	# .6#	J-55	P-110	0 - 2444	-		2225							
7-7/8"	4-1/2"	- 11	.0#	II.C	1-110	0 - 10070	†	<u>., .</u>	1			**				
							ļ		-							
24 Tubing	Record			<u></u>		1	Т									
Size		Set (MD) Pack	er Depth	(MD)	Size	Dep	pth Set (MD	Packe	r Depth	(MD)	Siz	e.	Dept	h Set (MD)	Packer Depth (MD)
2-3/8"	8489						26	Perforati	n Pacor	rd						
25. Produc	Formation			To	D I	Bottom	26	Perforated			T	Size	No. I	loles	1	Perf. Status
A) Mesa	verde	·		7903	-	9941	96	31 - 9941			3/s	pf				
B)							93	44 - 9565			3/s	pf				
C)								56 - 9303			3/s					
D)							89	02 - 9112			3/s	pf			<u></u>	
27. Acid, F	Fracture, Tr Depth Interv		Cement	Squeeze	, etc.				Amount	and Tyr	pe of	Material				
9631 - 99		vai		53,29	5 GAL	S GELLED W	ATE									
9344 - 95				52,95	9 GAL	S GELLED W	ATE	R & 120,30	0# 20/4	O SAN	D					
9156 - 93	303					S GELLED W										
8902 - 91				63,92	1 GAL	S GELLED W	ATE	R & 158,90	00# 20/4	IO SAN	D					
28. Produ	ction - Inte	rval A Hours	Test	- 1	Oil	Gas	Water	Oil G	ravity		Gas		luction	Method		
Produced	Date	Tested	Produ	iction	BBL 18	MCF 1	BBL 185	Corr.	API	'	Gravity		.owin	iG		
04/16/2007 Choke Size	04/22/2007 Tbg. Press. Flwg.	Csg. Press.	24 Hi Rate		Oil BBL	Gas	Water BBL	Gas/C Ratio		W	ell Sta			CINC		
12/64"	SI 950	2150	Rate	>	18	243	185					P1	RODUC	JING		
28a. Produ	uction - Int	erval B Hours	Test		Oil	Gas	Vater	Oil G	ravity	Ga		Pro	duction	Method		
Produced Produced	Date	Tested	Produ	ction	BBL		BBL	Corr.			avity					
Choke Size	I - V I - I DDI INOC I HEI I KATIO I									us			RE	CEIVED		

^{*(}See instructions and spaces for additional data on page 2)

28b. Produ			,			1	Long	Con	D. J. C. Maked	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c Produ	uction - Int	erval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp		Gas (Sold,	used for fuel	, vented, et	c.)	<u> </u>	<u> </u>			
		mus Zones	(Include Ad	nifers)				31. Forma	tion (Log) Markers	
Shov	v all impor	tant zones	of porosity	and conter	nts thereof: i, time tool o	Cored intervopen, flowing	als and all drill-sto and shut-in pressu	em		
Fort	nation	Тор	Botton	n	Desc	criptions, Con	tents, etc.		Name	Top Meas. Depth
			9941 de plugging	procedure)	:				a Wells Canyon Horn	4318 4906 5641 6497 7885 8672 9531 9949
☐ E	Electrical/M Sundry Noti	lechanical ice for plug	Logs (1 full	set req'd.) ment verifi	cation	in the appropr Geologic Rep Core Analysi s complete and	oort DST Re	ined from all ava	ional Survey ilable records (see attached ins	tructions)*
Nam	e (please p	rint) Car	rie MacDo	nald	\bigcirc	0		perations Clerk /14/2007	<u> </u>	
_	nature(m	~ /	M			Date		::::::::::::::::::::::::::::::::::::::	ment or agency of the United
Title 18 States a	BU.S.C Sen ny false, fi	ction 1001 ctitious or	and Title 4: fraudulent	3 U.S.C S statements	ection 1212, s or represe	make it a crit	me for any person any matter withi	n its jurisdiction	villfully to make to any depart i.	ment of agency of the office

Wild Horse Federal 116-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

8625-8856	3/spf
8412-8576	3/spf
8159-8336	3/spf
7903-8109	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8625-8856	54,891 GALS GELLED WATER & 129,800# 20/40 SAND
8412-8576	48,384 GALS GELLED WATER & 108,500# 20/40 SAND
8159-8336	61,698 GALS GELLED WATER & 148,200# 20/40 SAND
7913-8109	52,458 GALS GELLED WATER & 117,600# 20/40 SAND

Perforated the Lower Price River from 9631-9632', 9638-9639', 9650-9651', 9658-9659', 9672-9673', 9684-9685', 9690-9691', 9710-9711', 9725-9726', 9774-9775', 9784-9785', 9791-9792', 9880-9881', 9922-9923', 9940-9941' w/ 3 spf.

Perforated the Middle Price River from 9344-9345', 9351-9352', 9362-9363', 9399-9400', 9431-9432', 9439-9440', 9450-9451', 9481-9482', 9509-9510', 9542-9543', 9558-9559', 9564-9565' w/ 3 spf.

Perforated the Middle Price River from 9156-9157', 9163-9164', 9180-9181', 9189-9190', 9206-9207', 9224-9225', 9244-9246', 9280-9282', 9302-9303' w/ 3 spf.

Perforated the Middle Price River from 8902-8903', 8910-8911', 8919-8920', 8927-8928', 8939-8940', 8960-8962', 9016-9017', 9046-9047', 9071-9072', 9110-9112' w/ 3 spf.

Perforated the Upper/Middle Price River from 8625-8626', 8642-8644', 8660-8661', 8667-8668', 8723-8724', 8746-8747', 8765-8766', 8775-8776', 8806-8807', 8843-8844', 8855-8856' w/ 3 spf.

Perforated the Upper Price River from 8412-8413', 8420-8421', 8425-8426', 8444-8445', 8452-8453', 8478-8479', 8489-8490', 8516-8518', 8533-8534', 8547-8548', 8575-8576' w/ 3 spf.

Perforated the Upper Price River from 8159-8160', 8166-8167', 8178-8179', 8199-8200', 8208-8209', 8267-8268', 8275-8276', 8285-8286', 8293-8294', 8303-8304', 8325-8326', 8335-8336' w/ 3 spf.

Perforated the Upper Price River from 7903-7904', 7923-7924', 7943-7944', 7973-7974', 7983-7984', 7991-7992', 8002-8003', 8034-8035', 8052-8053', 8072-8073', 8082-8083', 8108-8109' w/ 3 spf.

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

5. Lease Serial No. U-3405

SUMPRY NOTICES AND REPORTS ON WELLS

Do not use th	is form for proposals II. Use Form 3160 - 3 (to drill or to re (APD) for such	e-enter an proposals.	1	, Allottee or Tribe Name	
SUBMIT IN TRI	PLICATE- Other inst	ructions on rev	erse side	7. If Unit o	r CA/Agreement, Name and/or No.	
1. Type of Well Oil Well		8. Well Name and No.				
2. Name of Operator EOG RESOU	9. API W	lorse Federal 116-34 ell No.				
3a. Address 600 17th St., Suite 1000N, Den	'	-3674				
4. Location of Well (Footage, Sec.,	F., R., M., or Survey Description)				al Buttes/Wasatch/Mesaverde or Parish, State	
2075 FSL 660 FEL (NE/SE) S. Sec. 34, T10S, R19E 39.901942					County, Utah	
12. CHECK AI	PPROPRIATE BOX(ES) TO	O INDICATE NAT	URE OF N	NOTICE, REPORT, O	R OTHER DATA	
TYPE OF SUBMISSION		,	TYPE OF A	CTION		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Re	oduction (Start/Resume)	Water Shut-Off Well Integrity Other Continued	
✓ Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abando		ecomplete emporarily Abandon	completion	
Final Abandonment Notice	Convert to Injection	Plug Back		ater Disposal		
determined that the site is read EOG Resources, Inc. cont 1. Perforated the North H 7814-7815', 7827-7828' & 2. Perforated the North H w/3 spf. Fracture stimula 3. Perforated the North H & 7332-7333' w/3 spf. Fr 4. Perforated the North H 6927-6928', 6936-6937' & 5. Perforated the Buck C 6628-6629', 6645-6646', 6	r for final inspection.) inued completion on the sub, orn from 7664-7665', 7684-7 7836-7837' w/ 3 spf. Fractur orn from 7406-7407', 7411-7 ted with 52,623 gals gelled w orn from 7115-7116', 7134-7 acture stimulated with 54,51. orn from 678-6799', 6949-6950' w/ 3 spf. Fractur anyon/North Horn from 644', 678-6679' & 6697-6698' w/ 3	ject well, commingli 685', 7710-7711', 77 e stimulated with 62 412', 7422-7424', 74 ater & 117,600# 20/ 136', 7161-7162', 71 3 gals gelled water & 794', 6809-6810', 68 e stimulated with 60 7-6448', 6454-6455', spf. Fracture stimul -6044', 6070-6071', 6	ng productic 20-7721', 77. 997 gals gel 38-7439', 74: 40 sand. 76-7177', 71: 229-6830', 68: 645 gals gel 6467-6468', ated with 54: 5101-6102', 6	on in the Wasatch and N 34-7735', 7741-7742', 77 led water & 147,000# 20 54-7455', 7472-7473', 74 86-7187', 7212-7213', 72 0/40 sand. 35-6836', 6855-6856', 68 lled water & 147,000# 20 6514-6515', 6546-6547', 1,933 gals gelled water & 6136-6137', 6211-6212', 6	85-7486', 7493-7494' & 7518-7520' 63-7264', 7282-7284', 7326-7327' 79-6880', 6885-6886', 6893-6894', //40 sand. 6560-6561', 6608-6609',	
14. Thereby certify that the for Name (Printed/Typed)						
Mary A. Maesta	is	Fitt	e Kegulato	ry Assistant		
Signature	a Maria	Da	te	07/06/2007		
	THIS SPACE FOR	R FEDERAL O	RSTATE	OFFICE USE		
Approved by			Title		Date	
Conditions of approval, if any, are certify that the applicant holds leg which would entitle the applicant	al or equitable title to those right	ce does not warrant or ts in the subject lease	Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make the United States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

(Instructions on page 2)

JUL 1 0 2007

Wild Horse Federal 116-34 - ADDITIONAL REMARKS

- 7. Perforated the Chapita Wells from 5467-5468', 5473-5476', 5485-5486', 5492-5493', 5502-5504' & 5508-5509' w/ 3 spf. Fracture stimulated with 250 gals HCL, 25,032 gals gelled water & 53,550# 20/40 sand.
- 8. Perforated the Chapita Wells from 5165-5171' & 5215-5221' w/ 3 spf. Fracture stimulated with 250 gals HCL, 25,116 gals gelled water & 53,570# 20/40 sand.
- 9. Perforated the Chapita Wells from 5060-5066', 5074-5076', 5087-5088', 5100-5101' & 5111-5113' w/ 3 spf. Fracture stimulated with 250 gals HCL, 23,856 gals gelled water & 42,300# 20/40 sand.

Returned well to sales on 7/2/2007.

Form 3160-5

UNITED STATES

	FORM APPROVED OM B No. 1004-0137 Expires: March 31, 20
-	

•	DEPARTMENT OF THE BUREAU OF LAND MAN			Expires: March 31, 2007 5. Lease Serial No.
	NOTICES AND REF		LLS	5. Lease Senai No. U-3405
Do not use th	nis form for proposals to ell. Use Form 3160-3 (A	o drill or to re-e	nter an	6. If Indian, Allottee or Tribe Name
	IPLICATE- Other instr	ructions on rever	se side.	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Name and No.
2. Name of Operator EOG Resor	urces, Inc.			Wild Horse Federal 116-34 9. API Well No.
3a Address 600 17th Street, Suite 1000N, I	Denver, CO 80202	3b. Phone No. <i>iinclude</i> 303-824-5526	area code)	43-047-36746 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)		******	Natural Buttes/Mesaverde
2075' FSL & 660' FEL (NE/SI Sec. 34-T10S-R19E 39,901942				11. County or Parish, State Uintah County, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION	
☐ Notice of Intent ☑ Subsequent Report ☐ Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Sta Reclamation Recomplete Temporarily Ab Water Disposal	Well Integrity Other
13. Describe Proposed or Complet	ed Operation (clearly state all pertir	nent details, including estir	mated starting date of ar	by proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was turned to sales on 4/8/2007.

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Mary A. Maestas	Title Regulatory Ass	istant					
Signature Mary a. May a	Date	08/02/2007					
THIS SPACE FOR FEDERAL	OR STATE OF	FICE USE					
Approved by	Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.							

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. RECEIVED

(Instructions on page 2)

AUG 0 6 2007

IP DATE CORRECTED FROM A PREVIOUS SUBMISSION DATED 5/14/2007.

Form 3160- (February	4 2005)				RTM	TED STAT ENT OF TH F LAND M	E INT							1	OMBNO	D. 10	PROVED 004-0137 sh 31, 2007
	WEL	L CO	MPLE	TION	OR F	RECOMPLE	ETION	REPOR	T AN	D LOG	i		5.	Leas U-3	e Serial N	0.	
a. Type of Well Oil Well Gas Well Dry Other b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr., Other												,	If Indian, Allottee or Tribe Name Unit or CA Agreement Name and No.				
2. Name	of Operator	r EOG		URCES	, INC								8.		e Name an		
3. Addres	s 600 17	th Stree	t, Suite	1000N,	Denve	r, CO 80202		1	ne No. 3-262-	(include d	area code	?)	9.	AFI	d Horse Well No. D47-3674		eral 116-34
4. Location	on of Well	(Report i	ocation	clearly a	nd in ac	cordance with	Federa			4014			10.	Field	and Pool,	or I	Exploratory
At surf	face 2,	,075' FS	L & 66	0' FEL	39.901	942 LAT 109.	761206	LON				-	11				Mesaverde Block and
At top	prod. inter	val repor	ted belov	V Sam	e									Surv	еу ог Агеа	Se	ec. 34-T10S-R19E
At tota	l depth S	Same											τ	Uinta	nty or Pari h Count	y	13. State UT
14. Date S 08/30	pudded / 2006		15.	Date T.I 03/15	D. Reac /2007	hed		16. Date C	•	d 04/0 ✓ Read	8/2007 y to Pro	d.			ations (DF 6' GL	F, RI	KB, RT, GL)*
18. Total I	•	ID 10,1	00'		19. P	lug Back T.D.:		10,047'		20. De	epth Brid	lge Plug	Set:	MI			
21 T I		VD	laahania	al Logs	Dun (Si	ıbmit copy of e	TVD			22. W	as well c	orad?	✓ N	TV		uhm	nit analysis)
• •	CBL/CCL			ai Lugs	Kun (Si	тышт сору от с	aciij			W:	as DST :	run?	ΔN	<u> </u>	Yes (S	ubm	it report)
				ort all s	trings s	set in well)				Di	irectional	Survey	<u> </u>	No	Y e:	s (Su	ibmit copy)
Hole Size	Size/Gra	T	t. (#/ft.)	T	(MD)	Bottom (MD	11 -	e Cementer Depth		of Sks. & of Cemen		ırry Vol. (BBL)				Amount Pulled	
12-1/4"	9-5/8"	36	6#	J-55	3	0 - 2444			595 s							\perp	
7-7/8"	4-1/2"	11	.6#	HC	P-110	0 - 10090	0 - 10090 2225 sx					+			+		
	 															\perp	
							ļ						-		-		
24 Tubing	Record			<u> </u>		1	ш		<u> </u>		_ l		_1			L	
Size		Set (MI) Pack	er Depth	(MD)	Size	Dep	th Set (MD)	Packer	Depth (N	(D)	Size		Dep	th Set (MI))	Packer Depth (MD)
2-3/8"	8489	1					26.	Perforation	Pagar	J							
25. Produc	Formation		•	To	р	Bottom	20.	Perforated			Size	No	o. Hol	es	T	Pe	erf. Status
A) Mesa	verde			7903		9941	963	1 - 9941			3/spf						
B)							_	4 - 9565			3/spf	ļ			ļ <u>-</u>		
<u>C)</u>								66 - 9303			3/spf				-		
D) 27. Acid, I	Fracture Tr	reatment.	Cement	Squeeze	etc.		890	2 - 9112			3/spf						
	Depth Inter		-		,			A	mount a	and Type	of Mater	ial					
9631 - 9	941					S GELLED V	-										
9344 - 9						S GELLED V S GELLED V											
9156 - 9 8902 - 9						S GELLED V											
	ction - Inte	rval A		03,72	GALD	J GEELED .	******										
Date First Produced	Test Date	Hours Tested	Test Produ		Oil BBL	Gas MCF	Water BBL	Oil Gra	vity PI	Gas Grav		Producti	on Me	thod			
04/08/2007	04/22/2007	24			8	243	185					FLOW	ING				
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr Rate	. [Dil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well	Status		*10***	_			
12/64"	Sl 950	2150		1	8	243	185					PROD	UCIN	G			
28a. Produ	uction - Int	erval B Hours	Test	1.)il	Gas	Water	Oil Grav	vity	Gas		Producti	on Ma	thod			
Produced	Date	Tested	Produc		BBL		BBL	Corr. A	PÏ	Gravit	ty	1 Todacti	IVIC	.an/u			
Choke Size	Tbg. Press. Flwg. Si	Csg. Press.	24 Hr Rate		oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		Well:	Status					E	RECEIVE
		<u> </u>															▗▗▃▗▃▘▙▗▘▘ ▙▐

AUG 0 6 2007

^{*(}See instructions and spaces for additional data on page 2)

28b. Produ	ction - Inte	rval C								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	uction - Inte	erval D				1				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
29. Disp		Gas (Sold, u	sed for fuel,	vented, etc	.)	_1				
		rous Zones	(Include Aq	uifers):				31 Format	ion (Log) Markers	
Show tests,	v all import	tant zones	of porosity a	and content	s thereof: time tool o	Cored interva	als and all drill-stem and shut-in pressures			
Form	nation	Тор	Bottom		Desci	riptions, Cont	ents, etc.		Name	Top Meas. Depth
Mesaver		7903	9941					II	. Wells anyon Iorn	4318 4906 5641 6497 7885 8672 9531 9949
	Attached		e plugging pr	occudic).						
						the appropria				
			ogs (1 full se ing and ceme	-		eologic Repo ore Analysis	ort DST Report	Direction	nal Survey	
34. I here	eby certify t	hat the fore	going and a	tached info	rmation is c	omplete and	correct as determined	d from all availa	able records (see attached instruc	ctions)*
Name	(please pri	nt) Carri	e MacDona	aid (\rightarrow	0		ntions Clerk		
Signa		w	1/h	ンし	<i>></i>	<u> </u>	Date			
Title 18 U	U.S.C Secti	ion 1001 ar	nd Title 43 U	J.S.C Sect	ion 1212, m	ake it a crim	e for any person kno	wingly and wil	Ifully to make to any departmen	nt or agency of the United

(Continued on page 3) (Form 3160-4, page 2)

Wild Horse Federal 116-34 - ADDITIONAL REMARKS (CONTINUED):

26. PERFORATION RECORD

8625-8856	3/spf
8412-8576	3/spf
8159-8336	3/spf
7903-8109	3/spf

27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8625-8856	54,891 GALS GELLED WATER & 129,800# 20/40 SAND
8412-8576	48,384 GALS GELLED WATER & 108,500# 20/40 SAND
8159-8336	61,698 GALS GELLED WATER & 148,200# 20/40 SAND
7913-8109	52,458 GALS GELLED WATER & 117,600# 20/40 SAND

Perforated the Lower Price River from 9631-9632', 9638-9639', 9650-9651', 9658-9659', 9672-9673', 9684-9685', 9690-9691', 9710-9711', 9725-9726', 9774-9775', 9784-9785', 9791-9792', 9880-9881', 9922-9923', 9940-9941' w/ 3 spf.

Perforated the Middle Price River from 9344-9345', 9351-9352', 9362-9363', 9399-9400', 9431-9432', 9439-9440', 9450-9451', 9481-9482', 9509-9510', 9542-9543', 9558-9559', 9564-9565' w/ 3 spf.

Perforated the Middle Price River from 9156-9157', 9163-9164', 9180-9181', 9189-9190', 9206-9207', 9224-9225', 9244-9246', 9280-9282', 9302-9303' w/ 3 spf.

Perforated the Middle Price River from 8902-8903', 8910-8911', 8919-8920', 8927-8928', 8939-8940', 8960-8962', 9016-9017', 9046-9047', 9071-9072', 9110-9112' w/ 3 spf.

Perforated the Upper/Middle Price River from 8625-8626', 8642-8644', 8660-8661', 8667-8668', 8723-8724', 8746-8747', 8765-8766', 8775-8776', 8806-8807', 8843-8844', 8855-8856' w/ 3 spf.

Perforated the Upper Price River from 8412-8413', 8420-8421', 8425-8426', 8444-8445', 8452-8453', 8478-8479', 8489-8490', 8516-8518', 8533-8534', 8547-8548', 8575-8576' w/ 3 spf.

Perforated the Upper Price River from 8159-8160', 8166-8167', 8178-8179', 8199-8200', 8208-8209', 8267-8268', 8275-8276', 8285-8286', 8293-8294', 8303-8304', 8325-8326', 8335-8336' w/ 3 spf.

Perforated the Upper Price River from 7903-7904', 7923-7924', 7943-7944', 7973-7974', 7983-7984', 7991-7992', 8002-8003', 8034-8035', 8052-8053', 8072-8073', 8082-8083', 8108-8109' w/ 3 spf.

Form 3160-5 (August 2007)

(Instructions on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OMB No. 1004-0137

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an

Expires: July 31, 2010 5. Lease Serial No. U-3405 6. If Indian, Allottee or Tribe Name

FORM APPROVED

abandoned well.	Use Form 3160-3 (A	APD) for such p	roposals.				
SUBM	IT IN TRIPLICATE - Othe	7. If Unit of CA/Agre	7. If Unit of CA/Agreement, Name and/or No.				
1. Type of Well			<u> </u>				
Oil Well Gas	Well Other		8. Well Name and No Wild Horse Federal				
2. Name of Operator EOG Resources, Inc.	to the state of th			9. API Well No. 43-047-36746			
3a. Address 600 17th Street, Suite 1000N Denver, CO 80202		3b. Phone No. (incli	ude area code)	10. Field and Pool or Natural Buttes/Was	•		
4. Location of Well (Footage, Sec., T	,R.,M., or Survey Description	n)		11. Country or Parish	, State		
2,075' FSL & 660' FEL (NESE) Sec. 34-T10S-	R19E 39.901942 LAT 109.761206 I	LON		Uintah County, Utal	h		
12. CHE	CK THE APPROPRIATE BO	OX(ES) TO INDICAT	E NATURE OF NOTI	CE, REPORT OR OTH	ER DATA		
TYPE OF SUBMISSION		· · · · · · · · · · · · · · · · · · ·	TYPE OF ACT	TION	· · · · · · · · · · · · · · · · · · ·		
Notice of Intent	Acidize Alter Casing	Deepen Fracture Tr	eat Rec	luction (Start/Resume) lamation	Water Shut-Off Well Integrity		
Subsequent Report	Casing Repair Change Plans	☐ New Const☐ Plug and A		omplete porarily Abandon	Other Interim reclamation		
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Wat	er Disposal			
All material, debris, trash, and junk broadcast seeded with the prescrib	ped seed mixture. The see	eded area was then v	walked down with a c	at. Interim reclamation	RECEIVED AUG 3 1 2007		
				DIV. O	FOIL, GAS & MINING		
14. I hereby certify that the foregoing is Name (Printed/Typed) Carrie MacDonald	true and correct.		Title Operations Clerk				
Signature /	TUIC CDACE	Date DEPENDENT	. 08/30/2007 L OR STATE OF	EICE LIGE			
	INIS SPACE	. I ON FEDERAL	LONGIATEOF	I IOL OGE			
Approved by			Title		Date		
Conditions of approval, if any, are attach that the applicant holds legal or equitable entitle the applicant to conduct operation	title to those rights in the subje		Office		Dute		
Title 18 U.S.C. Section 1001 and Title 4 fictitious or fraudulent statements or rep			knowingly and willfully	to make to any departme	nt or agency of the United States any false		

WELL NAME CORRECTED FROM PREVIOUS SUBMISSION DATED 8/30/2007.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR DEPARTMENT OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

Date

BUREAU OF LAND MANAGEMENT 5. Lease Serial No. U-3405 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit of CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other instructions on page 2. 1. Type of Well 8. Well Name and No. Wild Horse Federal 116-34 Oil Well **✓** Gas Well Other 2. Name of Operator EOG Resources, Inc. API Well No. 43-047-36746 10. Field and Pool or Exploratory Area 3b. Phone No. (include area code) 3a. Address 600 17th Street, Suite 1000N Natural Buttes/Wasatch/Mesaverde (303) 262-2812 Denver, CO 80202 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. Country or Parish, State Uintah County, Utah 2,075' FSL & 660' FEL (NESE) Sec. 34-T10S-R19E 39.901942 LAT 109.761206 LON 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Water Shut-Off Deepen Production (Start/Resume) Acidize Notice of Intent Well Integrity Reclamation Fracture Treat Alter Casing Other Interim reclamation New Construction Recomplete Casing Repair ✓ Subsequent Report Temporarily Abandon Change Plans Plug and Abandon Plug Back Water Disposal Final Abandonment Notice Convert to Injection 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on June 8, 2007. RECEIVED SEP 1 7 2007 DIV. OF OIL, GAS & MINING 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Title Operations Clerk Carrie MacDonald Date 09/11/2007 Signature THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Citle

Office

entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Approved by

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger						
The operator of the well(s) listed below has changed, effective: 10/1/2011	10/1/2011					
FROM: (Old Operator): N9550-EOG Resources, Inc. 1060 E Highway 40 Vernal, UT 84078 TO: (New Operator): N3755-Koch Exploration Company, LLC. 9777 Pyramid Court, Suite 210 Englewood, CO 80112						
Phone: 1 (435) 781-9145 Phone: 1 (303) 325-2561						
CA No. Unit:						
WELL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL NO TYPE						
SEE ATTACHED LIST - 28 WELLS						
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 11/9/2011						
3. The new company was checked on the Department of Commerce, Division of Corporations Database on:	6/29/2011					
4a. Is the new operator registered in the State of Utah: 5a. (R649-9-2)Waste Management Plan has been received on: 5b. Inspections of LA PA state/fee well sites complete on: 5c. Reports current for Production/Disposition & Sundries on: Business Number: Requested 12/19/2011 50. Requested 12/19/2011						
6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change,						
or operator change for all wells listed on Federal or Indian leases on: BLM 11/2/2011 BIA	 .					
7. Federal and Indian Units:						
The BLM or BIA has approved the successor of unit operator for wells listed on: $\frac{10/24/2011}{}$						
8. Federal and Indian Communization Agreements ("CA"):						
The BLM or BIA has approved the operator for all wells listed within a CA on: 9. Underground Injection Control ("UIC") Division has approved UIC Form 5 Transfer of Authority to						
Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:	<u> </u>					
DATA ENTRY:						
1. Changes entered in the Oil and Gas Database on: 12/19/2011 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 12/19/2011						
3. Bond information entered in RBDMS on: n/a 4. Fee/State wells attached to bond in RBDMS on: n/a						
5. Injection Projects to new operator in RBDMS on: n/a						
6. Receipt of Acceptance of Drilling Procedures for APD/New on:						
BOND VERIFICATION:						
1. Federal well(s) covered by Bond Number: COB000296						
2. Indian well(s) covered by Bond Number: n/a						
3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number n/a						
3b. The FORMER operator has requested a release of liability from their bond on: n/a						
LEAGE INTERPRETED NOTHER ATTON						
LEASE INTEREST OWNER NOTIFICATION:						
4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:						
of their responsibility to notify all interest owners of this change on: n/a						

Ferm 3160-5 (August 2007)

1. Ty

✓ Notice of Intent

Subsequent Report

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Acidize

Alter Casing

Change Plans

Casing Repair

FORM APPRO	VED
OMB No. 1004-	0137
Evnires July 31	2010

[5.	Le	ase	Se	rial	No. es
ı	М	lult	iple	Le	as	es

Production (Start/Resume)

Temporarily Abandon

Reclamation

Recomplete

6. If Indian, Allottee or Tribe Name

abandoned well. Use Form 3160-3 (
SUBMIT IN TRIPLICATE - Oth	7. If Unit of CA/Agreement, Name and/or No.				
pe of Well		Natural Buttes			
Oil Well Gas Well Other		8. Well Name and No. Multiple Wells			
me of Operator Resources, Inc N9550		9. API Well No. See Attached			
ddress ZAST HIGHWAY 40, VERNAL, UT 84078	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area			
2A31 HIGHWAT 40, VERNAL, 01 040/0	435-781-9145	Natural Buttes			
ocation of Well (Footage, Sec., T.,R.,M., or Survey Description tached	n)	11. Country or Parish, State Uintah, Utah			
12. CHECK THE APPROPRIATE B	OX(ES) TO INDICATE NATURE OF NOTICE	CE, REPORT OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACT	ION			

Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Deepen

Fracture Treat

New Construction

Plug and Abandon

EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the "Subject Wells") to Koch Exploration Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company, LLC on October 1, 2011.

As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Subject Wells and will be responsible under the terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverage is provided under Koch Exploration Company, LLC's Nationwide BLM Bond No. COB000296.

KOCH EXPLORATION COMPAN September 1, 2011 Brian J. Kissick Vice President Address: 9777 Pyramid Court, Suite 210 Englewood, Colorado 80112

RECEIVED

Water Shut-Off

Other Change of Operator

Well Integrity

NOV 03 2011

DIV. OF OIL, GAS & MINING

Telephone Number: (303) 325-2561 14. I hereby certify that the foregoing is true and Name (Printed/Typed) J. Michael Schween

entitle the applicant to conduct operations thereon.

Title Agent and Attorney-in-Fact

Date 09/01/2011

FOR FEDERAL OR STATE OFFICE USEPPROV THIS SPACE

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Earlene Russell, Engineering Technician

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

Signature

Approved by

Change of Operator from EOG Resources, Inc (N9555) to Koch Exploration Company, LLC (N3755)

HOME FED 1	34	100S	190E	4304730223	10	Federal		S
LITTLE PAPOOSE FED 1-26	26	100S	190E	4304731779	10715	Federal	GW	P
WH FED 2-26	26	100S	190E	4304731882	11051	Federal		P
WH FED 2-35	35	100S	190E	4304731901	11254	Federal	GW	P
WH FED 3-26	26	100S	190E	4304732377	11439	Federal	GW	P
WH FED 3-35	35	100S	190E	4304732389	11444	Federal	GW	P
WILDHORSE FED 105-34	34	100S	190E	4304733419	12689	Federal	GW	S
WILDHORSE FED 106-35	35	100S	190E	4304733420	12688	Federal	GW	P
WHB 8-35E	35	100S	190E	4304735038	14118	Federal	GW	S
WHB 8-34E	34	100S	190E	4304735044	14404	Federal	GW	P
WHB 11-35E	35	100S	190E	4304735053	14426	Federal	GW	P
WHB 3-35E	35	100S	190E	4304735066	14403	Federal	GW	P
WHB 9-35E	35	100S	190E	4304735067	14405	Federal	GW	P
WH FED 120-34	34	100S	190E	4304736744	15224	Federal	GW	P
WH FED 121-34	34	100S	190E	4304736745	15602	Federal	GW	S
WH FED 116-34	34	100S	190E	4304736746	15616	Federal	GW	P
WH FED 109-35	35	100S	190E	4304736747	15252	Federal	GW	P
WH FED 112-35	35	100S	190E	4304736748	15613	Federal	GW	S
WH FED 115-35	35	100S	190E	4304736749	15221	Federal	GW	P
WH FED 118-35	35	100S	190E	4304736750	15222	Federal	GW	S
WH FED 117-35	35	100S	190E	4304736751	15251	Federal	GW	P
WH FED 108-34	34	100S	190E	4304737668	16115	Federal	GW	P
WH FED 110-35	35	100S	190E	4304737669	16081	Federal	GW	P
WH FED 107-34	34	100S	190E	4304737681	15958		GW	P
WH FED 111-35	35	100S	190E	4304737682	16001	Federal	GW	P
WH FED 119-35	35	100S	190E	4304737683	16047	Federal	GW	P
WH FED 122-34	34	100S	190E	4304739436	16900	Federal	GW	P
WH FED 123-35	35	100S	190E	4304739437	16960	Federal	GW	P

Form 3160-5 (August 2007)

UNITED STATES UNITED FOR

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT SEP 2 2 2011

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

Expires: July
5. Lease Serial No.
Multiple Leases

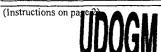
6. If Indian, Allottee or Tribe Name

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enternan abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well Oil Well Gas Well Other Other Other See Atta 3a. Address 1060 EAST HIGHWAY 40, VERNAL, UT 84078 Natural	Name and No. Wells Wells Vell No. ached and Pool or Exploratory Area Buttes arry or Parish, State Utah PRT OR OTHER DATA
1. Type of Well Oil Well Gas Well Other	Name and No. Wells Vell No. ached and Pool or Exploratory Area Buttes arry or Parish, State Utah PRT OR OTHER DATA art/Resume) Water Shut-Off
2. Name of Operator EOG Resources, Inc 3a. Address 1080 EAST HIGHWAY 40, VERNAL, UT 84078 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Coun Uintah, 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO TYPE OF SUBMISSION TYPE OF ACTION Acidize Acteria Deepen Acteria Reclamation Subsequent Report Change Plans Change Plans Plug and Abandon Temporarily Ab The proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true ver Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required st following completion of the involved operations. If the operation results in a multiple completion or recompleted in specific min a testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatic determined that the site is ready for final inspection.) EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company, LLC's Nationwide BLM Bond No. COB000296.	e Wells Vell No. ached and Pool or Exploratory Area Buttes atry or Parish, State Utah PRT OR OTHER DATA
3a. Address 1060 EAST HIGHWAY 40, VERNAL, UT 84078 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Coun Unitah, 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO TYPE OF SUBMISSION TYPE OF ACTION Acidize	and Pool or Exploratory Area Buttes try or Parish, State Utah PRT OR OTHER DATA ut/Resume)
435-781-9145 Natural 4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen	Buttes atry or Parish, State Utah PRT OR OTHER DATA art/Resume) Water Shut-Off
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 11. Coun Untah, 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPO TYPE OF SUBMISSION TYPE OF ACTION Notice of Intent	otry or Parish, State Utah PRT OR OTHER DATA out/Resume)
TYPE OF SUBMISSION Acidize	Utah PRT OR OTHER DATA prt/Resume)
TYPE OF SUBMISSION Acidize Deepen Production (Sta Alter Casing New Construction Recomplete Change Plans Plug and Abandon Temporarily Ab Change Plans Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any p the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true ver Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required st following completion of the involved operations. If the operation results in a multiple completion or recompletion in a testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatic determined that the site is ready for final inspection.) EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company, LLC and of the applicable lease for the operations conducted upon the leased lands. Bond coverag Company, LLC's Nationwide BLM Bond No. COB000296.	urt/Resume)
Notice of Intent Acidize	
Subsequent Report Casing Repair New Construction Recomplete	
Subsequent Report Casing Repair New Construction Recomplete Change Plans Plug and Abandon Temporarity Ab Temporarity Ab Temporarity Ab Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any p the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true ver Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required st following completion of the involved operations. If the operation results in a multiple completion or recompletion in a testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatic determined that the site is ready for final inspection.) EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Sub terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverag Company, LLC's Nationwide BLM Bond No. COB000296.	Well Integrity
Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any p the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true ver Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required st following completion of the involved operations. If the operation results in a multiple completion or recompletion in a testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatic determined that the site is ready for final inspection.) EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Comp As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Sub terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverag Company, LLC's Nationwide BLM Bond No. COB000296.	
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13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any per the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true ver Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required so following completion of the involved operations. If the operation results in a multiple completion or recompletion in a testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamatic determined that the site is ready for final inspection.) EOG Resources, Inc. has assigned all of its right, title and interest in the wells described in the attached list (the Company, LLC and will relinquish and transfer operatorship of all of the Subject Wells to Koch Exploration Company. As of October 1, 2011, Koch Exploration Company, LLC will be considered to be the operator of each of the Subterms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverag Company, LLC's Nationwide BLM Bond No. COB000296.	
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terms and conditions of the applicable lease for the operations conducted upon the leased lands. Bond coverag Company, LLC's Nationwide BLM Bond No. COB000296.	
KOCH EXPLORATION COMPANY/L/C	
By: Brian J. Kissick A 2 Date: September 1, 2011	
Vice President V	RECEIVED
Address: 9777 Pyramid Court, Suite 210 Englewood, Colorado 80112	RECEIVED NOV 0 4 2011
Telephone Number: (303) 325-2561	DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoins is true and correct Name (Printed/Typed) J. Michael Schween Title Agent and Attorney-in-Fact	
J. Wichael Schween Title Agent and Attorney-In-Fact	
Signature Date 09/01/2011	
THIS SPACE FOR FÉDERAL OR STATE OFFICE US	SE .
Approved by Assistant Field Manage Tile ands & Mineral Resource	
Conditions of any are attached. Approval of this notice does not warrant or certify that the applifunt holds lead or equivable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. VERNAL FIE	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.





# VADI	Well Name	Lease #	Unit Name	Unit #	Legal Description
4304730223	HOME FEDERAL 1-34	UTU3405	N/A	N/A	10S-19E-34-NENE
4304731722	OSCU II 1-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SENE
4304731898	OSCU II 2-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NWSE
4304733463	OSCU II 108-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NENE
4304736269	OSCU II 109-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SWSE
4304737680	OSCU II 116-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NESE
4304737678	OSCU II 122-27	UTU49518	North Alger	UTU063094X	10S-19E-27-NWNE
4304736743	OSCU II 123-27	UTU49518	North Alger	UTU063094X	10S-19E-27-SWNE
4304737679	OSCU II 124-27	UTU49518	North Alger	. UTU063094X	10S-19E-27-SESE
4304738902	OSCU II 125-34	UTU49523	North Alger	UTU063094X	10S-19E-34-NENW
4304738901	OSCU II 126-34	UTU49523	North Alger	UTU063094X	10S-19E-34-NESW
4304735066	WHB 3-35E	UTU3405	N/A	N/A	10S-19E-35-NENW
4304735044	WHB 8-34E	UTU3405	N/A	N/A	10S-19E-34-SENE
4304735038	WHB 8-35E	UTU3405	N/A	N/A	10S-19E-35-SENE
4304735067	WHB 9-35E	UTU3405	N/A	N/A	10S-19E-35-NESE
4304735053	WHB 11-35E	UTU3405	N/A	N/A	10S-19E-35-NESW
4304731901	WILD HORSE FED 2-35	UTU3405	N/A	N/A	10S-19E-35-NWNW
4304732389	WILD HORSE FED 3-35	UTU3405	N/A	N/A	10S-19E-35-NWSW
4304733419	WILD HORSE FED 105-34	UTU3405	N/A	N/A	10S-19E-34-NWNE
4304733420	WILD HORSE FED 106-35	UTU3405	N/A	N/A	10S-19E-35-SENW
4304737681	WILD HORSE FED 107-34	UTU49523	N/A	N/A	10S-19E-34-SESW
4304737668	WILD HORSE FED 108-34	UTU3405	N/A	N/A	10S-19E-34-SESE
4304736747	WILD HORSE FED 109-35	UTU3405	N/A	N/A	10S-19E-35-SWSW
4304737669	WILD HORSE FED 110-35	UTU3405	N/A	N/A	10S-19E-35-SWSE
4304737682	WILD HORSE FED 111-35	UTU3405	N/A	N/A	10S-19E-35-SESW
4304736748	WILD HORSE FED 112-35	UTU3405	N/A	N/A	10S-19E-35-SESE
4304736749	WILD HORSE FED 115-35	UTU3405	N/A	N/A	10S-19E-35-NWNE
4304736746	WILD HORSE FED 116-34	UTU3405	N/A	N/A	10S-19E-34-NESE
4304736751	WILD HORSE FED 117-35	UTU3405	N/A	N/A	10S-19E-35-SWNW
4304736750	WILD HORSE FED 118-35	UTU3405	N/A	N/A	10S-19E-35-SWNE
4304737683	WILD HORSE FED 119-35	UTU3405	N/A	A/A	10S-19E-35-NWSE
4304736744	WILD HORSE FED 120-34	UTU3405	N/A	N/A	10S-19E-34-SWNE
4304736745	WILD HORSE FED 121-34	UTU3405	N/A	N/A	10S-19E-34-SWSE
4304739436	WILD HORSE FED 122-34	UTU3405	N/A	N/A	10S-19E-34-NWSE
4304739437	4304739437 WILD HORSE FED 123-35	UTU3405	N/A	N/A	10S-19E-35-NENE

United States Department of the Interior



BUREAU OF LAND MANAGEMENT Green River District-Vernal Field Office 170 South 500 East Vernal, UT 84078 (435) 781-4400 Fax: (435) 781-4410

http://www.blm.gov/ut/st/en/fo/vernal.html



43-047-36746

IN REPLY REFER TO: 3162.3 (UTG011)

NOV 0 2 2011

Brian J. Kissick Koch Exploration Company, LLC 9777 Pyramid Court, Suite 210 Englewood, CO 80112

Re:

Change of Operator

Well No. Wild Horse Federal 116-34

NESE, Sec. 34, T10S, R19E

Uintah County, Utah Lease No. UTU-3405

Dear Mr. Kissick:

This correspondence is in regard to the self-certification statement submitted requesting a change of operator for the above referenced well. After a review by this office, the change of operator request is approved. Effective October 1, 2011, Koch Exploration Company, LLC is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. COB000296, for all operations conducted on the referenced well on the leased land.

If you have any questions regarding this matter, please contact Cindy Severson of this office at (435) 781-4455.

Sincerely,

/s/ Jerry Kenczka

Jerry Kenczka Assistant Field Manager Lands & Mineral Resources

Enclosure

CC:

UDOGM

XTO Energy, Inc. EOG Resources, Inc.

bcc:

Well File

Reading File

RECEIVED NOV 0 4 2011

DIV. OF OIL, GAS & MINING

			FORM 9
	STATE OF UTAH		I OKW 3
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-3405
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: WH FED 116-34
2. NAME OF OPERATOR: KOCH EXPLORATION COMF	PANY LLC		9. API NUMBER: 43047367460000
3. ADDRESS OF OPERATOR: 9777 Pyramid Court Ste 21	0 , Englewood, CO, 80112	PHONE NUMBER: 303 325-2562 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2075 FSL 0660 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 3	HIP, RANGE, MERIDIAN: 34 Township: 10.0S Range: 19.0E Meridi	an: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	✓ CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
2/17/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_		TEMPORARY ABANDON
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL ☐
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
Koch Exploration (from 1-31-2012 tubing, and subse report	COMPLETED OPERATIONS. Clearly show a Company, LLC (KEC) worked through 2-17-2012 to clear equently return well to produts are attached; please see for	over the WHF 116-34 nout rathole, reland action. Daily workover or details.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 28, 2012
NAME (PLEASE PRINT) Natalie Naeve	PHONE NUMB 303 325-2565	ER TITLE Operations Engineer	
SIGNATURE N/A		DATE 3/26/2012	

			KOCH EXP	LORATION C	O LLC DAILY	DRILLING RE	PORT		
Vell:	WHF 116-34			اخذا شد و محمد د	Date:	1/31/2012		Drilled to:	
County/ST:	Uintah,Utah				Days:	1		Drilled from:	0
_ocation:	Sec 34-T108	-R19E			Rig:	DUCO		Footage:	0
Elevation:					Supervisor:	Brown			
	·		BIT DA	•	,			ÇOST DATA (L	ادرين بالمتدر فالمستقل في المستقل المستقل المستقل المستقل المستقل المستقل المستقل المستقل ا
Bit#	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	12 1/4						Location		\$0
							Rig move	ļ	\$0
Bit#	ln	Out	Feet	Hours	WOB	RPM	Rig	3460	\$3,460
							Fuel		\$0
							Camper		\$0
			PUMP C	ATA			BOPE		\$0
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
							Air Equip		\$0
				,			Equip rental	\$250	\$250
							Mud		\$0
							Mud Logger		\$0
			SURVEY	DATA			Trucking	\$1,485	\$1,485
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	,	\$0
			1				Labor	<u> </u>	\$0
					1		Supervision	1100	\$1,100
			 	-			Core/DST	1,50	\$0
	ı		MUD D	LTA	1	L	Logs		\$0
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement		\$0
- agnt	V 130	- 17	1,4	Geio	44F	Jake	Fishing	1	\$0
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	
70 Oil	/o vvatei	/u QUIIUS	PΠ	i Ca		LOIVI	Casing	\$150	\$150 \$0
AIG	DATA-DRILL	31/2		L PAGEAT	I A-DRILLING	ı			\$0 \$0
			D#-			A	Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Wellhead		\$0
00.000.0000.0000.000		*****	<u> </u>				TOTAL	\$6,445	\$6,445
·			r		uel Usage			T	
ig EngType		HP	Fuel Type	Gallons Used	Pump Eng Type		HP	Gallo	ns Used
etroit	Series 50	380	Diesel		Detroit	Series 50/Diesel			
	Total Gals	Rig Eng	30	Pump Eng	0	Ttl Rig & Pump	30		
· · · · · · · · · · · · · · · · · · ·				TIME DIS	TRIBUTION				
Hours					Operation				
				· · · · ·					
7.00.45.00	0.51.34.11	A 4 1 *** 1*			III 446 68 : 3161				
				uipment from VVI	HF 112-35 to WH	F 116-34. Rig up	all support equi	ipment. Continu	e flowing
•	well overnight	to sales. SD	ON						
								•	
HA DATA:									
I TO SEA THE SEA									
	6 AM:			000000000000000000000000000000000000000	***************************************				
PERATION @	un contrata contrata de la contrata				EMARKS:				
PERATION @				والمراز والمتعدد والمحاري والمراجعة والمعار المحار والوا					
PERATION @									
ERATION @		<u>, , , , , , , , , , , , , , , , , , , </u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
ERATION @		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>							
ERATION @		40,44							
ERATION @									

			KOCH EXP	LORATION C	D LLC DAILY	DRILLING RE	PORT		
Well:	WHF 116-34				Date:	2/1/2012		Drilled to:	
County/ST:	Uintah, Utah				Days:	2		Drilled from:	0
Location:	Sec 34-T109	S-R19E			Rig;	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown			
			BIT DA	TA				COST DATA (U	S\$)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location	•	\$0
	<u> </u>						Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$3,682	\$7,142
							Fuel	72,002	\$0
							Camper		\$0
	1		PUMP D	ΔΤΔ	I		BOPE		\$0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$O
0	0	0	0	0	Itate	riessure			\$0
0	0	0	0	0			Air Equip	6250	\$500
							Equip rental	\$250	
0	0	0	0	0			Mud		\$0
0	0	0	0	0			Mud Logger		\$0
	T =		SURVEY			r	Trucking		\$1,485
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$0
	ļ						Labor		\$0
							Supervision	\$1,100	\$2,200
							Core/DST		\$0
			MUD DA	TA			Logs		\$0
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	рН	Ca	ਰ	LCM	Misc	\$150	\$300
							Casing		\$0
AIR	DATA-DRILL	NG		GAS DAT	A-DRILLING		Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods	·	\$0
							Wellhead		\$0
							TOTAL	\$5,182	\$11,627
				F	uel Usage				
Rig EngType	Model	НР	Fuel Type		Pump Eng Type	Model	HP	Gallo	ns Used
Detroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
	Total Gals	Rig Eng	30	Pump Eng		Ttl Rig & Pump	30		
					RIBUTION				
Hours			and laboration lies to the same and account on the		Operation				
07:00-15:00	Safety Meetin	a. AM TBG p	ressure 240 PS	SI. CSG 360 PSI.		obls 2% KCL dow	n tubina. Nipple	e down wellhead	d. nipple up
						//. Sample scale f			
					_	VI. Could not work			
						060 KBM. POOH	 		
				HILL SILE PLANTS	- Har I als la access				
	Wating on m	obilization of V	Veatherford foa	m unit, unit to be	on location 2/2/1	2 at 07:00.			
		osinzacion or v	Tourista 100	arite, drift to be	OH MODULON ENEN	<u> </u>			
	-								
BHA DATA:									
BHA DATA:									
BHA DATA:	S AM:								
	SAM:			· · · · · · · · · · · · · · · · · · ·	EMARKS:				
	SAM:			R	EMARKS				
	6 AM:			F	EMARKS				
	S AM:			F	EMARKS:				
	SAM:			R	EMARKS:				

			KOCH EXP	LORATION C	O LLC DAILY	DRILLING RE	PORT		
Well:	WHF 116-34	4			Date:	2/2/2012		Drilled to:	
County/ST:	Uintah,Utah				Days:	3		Drilled from:	0
Location:	Sec 34-T109	S-R19E			Rig:	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown	•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
			BIT DA	TΑ				COSTIDATA (L	(S\$)
Bit#	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	İ	·					Location	,	\$0
							Rig move		\$(
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,215	\$11,357
D(t #		<u> </u>	1 000	110013	1100	101101	Fuel	Ψ-,Σ ι Ο	\$(
							Camper		\$(
	<u> </u>]	PUMP D	1 A T A	1	1	i '		\$(
D #	Mala	NA - d - l		1	D-4-	D	BOPE		
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits	21.110	\$(
0	0	0	0	0		<u> </u>	Air Equip	\$4,448	\$4,448
0	0	0	0	0			Equip rental	\$1,000	\$1,500
0	0	0	0	0			Mud		\$(
0] 0	0	0	0			Mud Logger		\$(
			SURVEY	DATA			Trucking	\$675	\$2,160
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$0
							Labor		\$0
							Supervision	\$1,100	\$3,300
							Core/DST		\$0
			עם סטא	ATA			Logs		\$0
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement		\$0
71 U.g	1.00	'''			7.7.		Fishing		\$0
% Oil	% Water	% Solids	рH	Ca	CI	LCM	Misc	\$150	\$450
70 OII	70 VVate	70 GONGS	PII	Ca .	01	LOW		\$150	
	 			1		l	Casing		\$0
	DATA-DRILL	1		T	A-DRILLING	I	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
	`						Wellhead		\$0
							TOTAL	\$11,588	\$23,215
		(00/400600000000000000000000000000000000	10001061001000100600000000	56-0105-010-000-000-0106-010-05-01種	uel Usage		Control Congress (Control Congress Congress Congress Congress Congress Congress Congress Congress Congress Cong		000000000000000000000000000000000000000
	1	·	**************************************			(100:00:00:00:00:00:00:00:00:00:00:00:00:	**************************************		
Rig EngType		HP	Fuel Type		Pump Eng Type	1	НР	Gailo	ns Used
Rig EngType Detroit	Model Series 50	380	Fuel Type Diesel	Gallons Used	Pump Eng Type Detroit	Series 50/Diesel	380	Gallo	ns Used
				Gallons Used Pump Eng	Pump Eng Type Detroit 0	1	380	Gallo	ns Used
	Series 50	380	Diesel	Gallons Used Pump Eng	Pump Eng Type Detroit	Series 50/Diesel	380	Gallo	ns Used
	Series 50 Total Gals	380 Rig Eng	Diesel 50	Gallons Used Pump Eng TIME DIS	Pump Eng Type Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380 50		
Detroit	Series 50 Total Gals	380 Rig Eng	Diesel 50	Gallons Used Pump Eng TIME DIS	Pump Eng Type Detroit 0 FRIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380 50		
Detroit Hours	Series 50 Total Gals Safety Meetin	380 Rig Eng ng. AM TBG a	Diesel 50 and CSG 535 F	Pump Eng FIME DIS	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with	Series 50/Diesel Ttl Rig & Pump	380 50 TBG. RIH w/ 2	stands, pick up	swivel,
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to c	380 Rig Eng ng. AM TBG a clean out scale	Diesel 50 und CSG 535 Fe at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do Clean out scale	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot	Series 50/Diesel Ttl Rig & Pump 1 20 bbls 2% down	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 1 20 bbls 2% down al 22 ft. RIH to 90	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 10 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to 6 9219 KBM. F	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well do . Clean out scale ad scale at 9845 h	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 FRIBUTION: Operation wn. Kill well with to 5152 KBM Tot (BM, clean out to wivel, POOH to 9	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 TRIBUTION Operation wn. Kill well with 1 to 5152 KBM Tot KBM, clean out to	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 FRIBUTION: Operation wn. Kill well with to 5152 KBM Tot (BM, clean out to wivel, POOH to 9	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 FRIBUTION: Operation wn. Kill well with to 5152 KBM Tot (BM, clean out to wivel, POOH to 9	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Hours 07:00-17:00	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 FRIBUTION: Operation wn. Kill well with to 5152 KBM Tot (BM, clean out to wivel, POOH to 9	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to
Detroit Hours	Series 50 Total Gals Safety Meetir nipple up to c 9219 KBM. F well clean, ki	380 Rig Eng ng. AM TBG acceptance out scale	Diesel 50 and CSG 535 F a at 5130 KBM	Pump Eng FIME DIS PSI. Blow well dov. Clean out scale at 9845 H TBG, rig down s	Pump Eng Type Detroit 0 FRIBUTION: Operation wn. Kill well with to 5152 KBM Tot (BM, clean out to wivel, POOH to 9	Series 50/Diesel Ttl Rig & Pump 20 bbls 2% down al 22 ft. RIH to 90 9877 KBM. Total	380 50 TBG. RIH w/ 2 02 ft, tag fill, rig cleaned out too	stands, pick up	swivel, n out to

Well:	********************************		NAMES AND DESCRIPTION OF THE PERSON OF THE P		O LLC DAILY				
	WHF 116-34				Date:	2/3/2012		Drilled to:	
County/ST:	Uintah, Utah				Days:	4		Drilled from:	0
ocation;	Sec 34-T10S	-R19E			Rig:	DUCO		Footage:	0
levation:	0				Supervisor:	Brown			
			BIT DA	TA				COST DATA (U	\$ \$)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
							Location		;
				•			Rig move		
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,115	\$15,4
							Fuel		
							Camper		
			PUMP D	ATA			BOPE		
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits		
0	0	0	0	0			Air Equip	\$3,432	\$7,8
0	0	0	0	0			Equip rental	\$1,000	\$2,5
ō	ō	0	0	0			Mud	Ψ1,000	
0	0	0	0	0			† · · · · · · · · · · · · · · · · · · ·		
0] 0	0					Mud Logger		
DN-	Bd-ti	I 5:	SURVEY	T	I 5	T	Trucking		\$2,1
Depth	Deviation	Direction	Depth	Deviation	Direction	1	Water		
					-	-	Labor	 	
				 		-	Supervision	\$1,100	\$4,4
		***************************************					Core/DST		
			AD DUM	TA	r		Logs		
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		
							Fishing		
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	\$60
							Casing		
AIR	DATA-DRILLI	NG		GAS DAT	A-DRILLING		Tubing		
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		
			·				Wellhead		
							TOTAL	\$9,797	\$33,0
				F	uel Usage	I		1	70010
						1		T	<u> </u>
Ria EnaType	Model	HP	Fuel Type	Gallons Used	Pump Eng Type	Model	l HP	l Galiou	ne Used
Rig EngType Petroit		HP 380	Fuel Type Diesel	Gallons Used	Pump Eng Type Detroit		HP 380	Gallo	ns Used
tig EngType etroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380	Gallo	ns Used
				Pump Eng	Detroit 0		380	Gallor	ns Used
etroit	Series 50	380	Diesel	Pump Eng	Detroit 0 RIBUTION	Series 50/Diesel Ttl Rig & Pump	380	Gallo	ns Used
Hours	Series 50 Total Gals	380 Rig Eng	Diesel 50	Pump Eng TIME DIST	Detroit 0 RIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	380 50		
Hours 07:00-15:00	Series 50 Total Gals Safety Meetin	380 Rig Eng g. CSG PSI 7	Diesel 50 80, TBG PSI 4	Pump Eng TIME DIST	Detroit 0 RIBUTION Operation reli, kill well with	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v	380 50 vater down tubi	ng. RIH F/9229	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. Ri	380 Rig Eng g. CSG PSI 7 g up swivel al	Diesel 50 80, TBG PSI 4 nd foam air equ	Pump Eng TIME DIST I50. Blow down was a stablish	Detroit 0 FRIBUTION Operation vell, kill well with a circulation, cont	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL vinue clean out fro	380 50 vater down tubi m 9877 KBM to	ng. RIH F/9229	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL vinue clean out fro	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 17:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 17:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meeting 9877 KBM. R 130 ft of sand	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TIME DIST ISO. Blow down w uipment, establish an, pump 15 bbls	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 FRIBUTION Operation vell, kill well with n circulation, cont 2% down TBG tow back tank for to	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 RIBUTION Operation rell, kill well with a circulation, conts 2 % down TBG t	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 FRIBUTION Operation vell, kill well with n circulation, cont 2% down TBG tow back tank for to	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 17:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 FRIBUTION Operation vell, kill well with n circulation, cont 2% down TBG tow back tank for to	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 FRIBUTION Operation vell, kill well with n circulation, cont 2% down TBG tow back tank for to	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to
Hours 7:00-15:00	Series 50 Total Gals Safety Meetin 9877 KBM. Ri 130 ft of sand Stands 2 3/8	380 Rig Eng g. CSG PSI 7 g up swivel a and scale. Ci	Diesel	Pump Eng TiME DIST ISO. Blow down w. Jipment, establish an, pump 15 bbls iflowing well to flo	Detroit 0 FRIBUTION Operation vell, kill well with n circulation, cont 2% down TBG tow back tank for to	Series 50/Diesel Ttl Rig & Pump 15 bbls 2% KCL v inue clean out from the clean out from	380 50 water down tubi m 9877 KBM to wn swivel and f	ng. RIH F/9229 10007 ft. Clean pam unit. POOH	KBM to

			KOCH EXP	LORATION C	O LLC DAILY	DRILLING RE	PORT		
Well:	WHF 116-34	1			Date:	2/6/2012		Drilled to:	
County/ST:	Uintah,Utah				Days:	5			0
Location:	Sec 34-T108	S-R19E			Rig:	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown			
			BIT DA	TΔ			l é a distribui	COST DATA (L	5\$)
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
Bit #	0.20	Williams	1,750	Condi #		Cond	Location	Dany	\$0
	-	<u> </u>		-					
Dit #	1	0.4	F4	1 11		201	Rig move	40 700	\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$3,790	\$19,262
	-						Fuel		\$0
	_	L	***************************************				Camper		\$0
	Τ	I .	PUMPD	7	ı	I	BOPE		\$0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
0	0	0	0	0			Air Equip		\$7,880
0	0	0	0	0			Equip rental	\$1,840	\$4,340
0	0	0	0	0			Mud		\$0
0	0	0.	0	0			Mud Logger		\$0
			SURVEY	DATA			Trucking		\$2,160
Depth	Deviation	Direction	Depth	Deviation	Direction		Water	\$3,651	\$3,651
							Labor		\$0
							Supervision	\$1,100	\$5,500
							Core/DST	7.,,	\$0
			MUD DA	TA.		l	Logs		\$0
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement		φο \$0
- veignt	V130		'V	Geis	VVL	Care	Fishing		\$0 \$0
% Oil	0/ Mater	0/ Calida	-ti	C-	0	1014		6450	
78 OII	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$150	\$750
****************							Casing		\$0
	DATA-DRILL			1	A-DRILLING	_	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
				<u> </u>			Wellhead		\$0
	656660000000000000000000000000000000000			*************************************			TOTAL	\$10,531	\$43,543
					uel Usage				
Rig EngType	Model	HP	Fuel Type	Gallons Used	Pump Eng Type		HP	Gailo	ns Used
Detroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
200000000000000000000000000000000000000	Total Gals	Rig Eng	50	Pump Eng	THE RESIDENCE AND ADDRESS OF THE PERSONS ASSESSED.	Ttl Rig & Pump	50		
				TIME DIS	RIBUTION				
Hours					Operation				
07:00-15:00				250 PSI, Blow we					
	bit and scrap	er RIH tag fill	at 10004 KBM	. 3 ft fill. POOH w	ith 10 stands to 9	364 KBM SWI-S	DON will spot o	hemicals AM 2/	7/12
					e				
					•				
BHA DATA									
BHA DATA									
	S-AM:								
BHA DATA:	S-AM:			R	EMARKS:				
	S AM:			R	EMARKS:				
	GAM:			R	EMARKS				
	SAM:			R	EMARKS:				
BHA DATA:	S-AM:			R	EMARKS				
	S-AM:			F	EMARKS				

Vell: County/ST: .ocation: Elevation: Bit #	WHF 116-34 Uintah,Utah Sec 34-T108 0	1			Date: Days: Rig:	DRILLING RE 2/7/2012 6 DUCO			0
County/ST: .ocation: Elevation:	Uintah,Utah Sec 34-T105				Days:	6		Drilled from:	
ocation: levation:	Sec 34-T105	S-R19E							
levation:		J-1(10L							0
	· ·				Supervisor:	Brown		Footage:	<u> </u>
Bit #		00.000.0000.0000	BIT DA	TA	Oupervisor.	DIOWII	li de la companya da compa	COST DATA (U	e ex
Bit #			1	T	I .			1	
	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
							Location		
							Rig move		
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,615	\$23,8
							Fuel		:
							Camper		;
			PUMP D	ATA			BOPE		
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits	1	
0	0	0	0	0			Air Equip	\$1,750	\$9,63
0	1 0	0	0	0		•	Equip rental	\$250	\$4,59
0	0	0	0	0			Mud	Ψ200	
								 	
0] 0	0	0	0			Mud Logger		
	T	T	SURVEY		Γ	T .	Trucking	 	\$2,16
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$3,6
							Labor		
							Supervision	\$1,100	\$6,60
	<u></u>						Core/DST		9
			MUD DA	ATA			Logs		5
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement		(
							Fishing		
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$950	\$1,70
70 011	70 VVater	70 Conds	PII	- Ca	01	LOW		φοσσ	Ψ1,70
	<u> </u>					l	Casing		
	DATA-DRILL		.	1	A-DRILLING	- ··	Tubing	-	
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		
							Wellhead		
							TOTAL	\$8,665	\$52,20
				F	uel Usage				
lig EngType	Model	HP	Fuel Type	Gallons Used	Pump Eng Type	Model	HP	Gallor	ns Used
etroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
	Total Gals	Rig Eng	50 [°]	Pump Eng	0	Ttl Rig & Pump	50		
				TIME DIST	FRIBUTION				
Hours					Operation				
	9974 KBM, n biocide, displ	ipple up to sp ace with 37 b	ot chemical wi bls 2% KCL. L	th NALCO. Wait	on NALCO, NALC s of 2 3/8 TBG, F	bbls 2% down TE CO on location at COOH with 90 sta N	10:30 Rig up N.	ALCO pump 30	gal of
	Note: chemic	al cost includ	ed in misc colu	imn.					
1A DATA:	6 AM								
ERATION @				R	EMARKS:				
ERATION @									

			KOCH EXP	LORATION C	DILC DAILY	DRILLING RE	PORT		
Well:	WHF 116-34	}			Date:	2/8/2012		Drilled to:	
County/ST:	Uintah, Utah				Days:	7		Drilled from:	0
Location:	Sec 34-T108	S-R19E			Rig:	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown			
			BIT DA	TA				COST DATA (U	S\$)
Bit#	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
	· · · · · ·		7,				Location		\$0
			1				Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,345	\$28,222
DIL #		- Car	1001	110013	******	1(11)	Fuel	Ψ-,00	\$D
-									\$0 \$0
	l	<u> </u>	PUMPD	I X∓A	L	<u> </u>	Camper BOPE	-	\$0 \$0
D#	Mala	8 8 a al a 8	Ι	I	Data	D	ì		
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
0	0	0	0	0			Air Equip	6050	\$9,630
0	0	0	0	0			Equip rental	\$250	\$4,840
0 "	0	0	0	0			Mud		\$0
0	0	0	0	0			Mud Logger		\$0
			SURVEY	}			Trucking	ļ	\$2,160
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$3,651
							Labor		\$0
				·			Supervision	\$1,100	\$7,700
							Core/DST		\$0
			ACI CIUM	VTA			Logs		\$0
Weight	Visc	ΥP	PV	Gels	WL	Cake	Cement		\$0
1113,			<u> </u>				Fishing		\$0
% Oil	% Water	% Solids	рН	Ca	CI	LCM	Misc	\$150	\$1,850
70 OII	76 VValei	70 Gonus	рп	Ca	<u> </u>	LOW		\$150	
				 			Casing	-	\$0
	DATA-DRILL				A-DRILLING	<u> </u>	Tubing		\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
							Weilhead		\$0
l	1								\$50 NGO:
	1						TOTAL	\$5,845	\$58,053
	1			F	uel Usage		TOTAL	\$5,645	\$00,003
Rig EngType	Model	ΗP	Fuel Type		uel Usage Pump Eng Type	Model	HP	1	soo,uss ns Used
Rig EngType	Model Series 50	HP 380	Fuel Type Diesel			Model Series 50/Diesel		1	
					Pump Eng Type		HP	1	
	Series 50	380	Diesel	Gallons Used Pump Eng	Pump Eng Type Detroit 0	Series 50/Diesel	HP 380	1	
Detroit	Series 50	380	Diesel	Gallons Used Pump Eng	Pump Eng Type Detroit 0 FRIBUTION	Series 50/Diesel Ttl Rig & Pump	HP 380	1	
Detroit Hours	Series 50 Total Gals	380 Rig Eng	Diesel 50	Gallons Used Pump Eng TIME DIS	Pump Eng Type Detroit 0 RIBUTION Operation	Series 50/Diesel Ttl Rig & Pump	HP 380 50	Gallor	ns Used
Detroit	Series 50 Total Gals Safety Meetir	380 Rig Eng ng. CSG PSI	Diesel 50 700, kill well of	Gallons Used Pump Eng TIME DIS 70 bbls 2% KCL	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star	Series 50/Diesel Ttl Rig & Pump ds plus 1 single,	HP 380 50	Gallor	ns Used
Detroit Hours	Series 50 Total Gals Safety Meetin Well w/5bbls	380 Rig Eng ng. CSG PSI 7 2% down TB	Diesel 50 700, kill well of G, nipple dowr	Pump Eng TIME DIS 70 bbls 2% KCL.	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines	Series 50/Diesel Ttl Rig & Pump ds plus 1 single, s for production. F	HP 380 50 land production	Gallor string on hange	ns Used ir. Kill it, break
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and	380 Rig Eng ng. CSG PSI 1 2% down TB d lines, etc for	Diesel 50 700, kill well of G, nipple down rig move. TBG	Pump Eng TIME DIS* 70 bbls 2% KCL. a BOP, nipple up detail bottom to	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18	Series 50/Diesel Ttl Rig & Pump ds plus 1 single, s for production. F 31 joints, landed a	HP 380 50 land production Rig down DUCC at 5917.11, Note	Gallor string on hange well service un	ns Used ir. Kill it, break
Detroit Hours	Series 50 Total Gals Safety Meetir Well-w/5bbls out pump and seat nipple "	380 Rig Eng ng. CSG PSI 7 2% down TB d lines, etc for 33.05" at 5884	Diesel 50 700, kill well of G, nipple down rig move. TBG 4.06 KBM, 100	Pump Eng TIME DIS* 70 bbls 2% KCL. a BOP, nipple up detail bottom to jointsof 2 3/8 N-8	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well-w/5bbls out pump and seat nipple "sales. Move r	380 Rig Eng ng. CSG PSI 7 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BO	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to	Pump Eng TIME DIS 70 bbls 2% KCL. BOP, nipple up detail bottom to jointsof 2 3/8 N-8 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well-w/5bbls out pump and seat nipple "sales. Move r	380 Rig Eng ng. CSG PSI 7 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BO	Diesel 50 700, kill well of G, nipple down rig move. TBG 4.06 KBM, 100	Pump Eng TIME DIS 70 bbls 2% KCL. BOP, nipple up detail bottom to jointsof 2 3/8 N-8 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well-w/5bbls out pump and seat nipple "sales. Move r	380 Rig Eng ng. CSG PSI 7 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BO	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to	Pump Eng TIME DIS 70 bbls 2% KCL. BOP, nipple up detail bottom to jointsof 2 3/8 N-8 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
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Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	String on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Detroit Hours	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple " sales. Move r move remain	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Pump Eng TIME DIS: 70 bbls 2% KCL. n BOP, nipple up detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
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Hours 07:00-15:00	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple "sales. Move r move remain Total accumu	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Gallons Used Pump Eng TiME DIS: 70 bbls 2% KCL. n BOP, nipple up 6 detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R 0N	Pump Eng Type Detroit 0 ERIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang ig up service unit	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
Hours 07:00-15:00	Series 50 Total Gals Safety Meetir Well w/5bbls out pump and seat nipple "sales. Move r move remain Total accumu	380 Rig Eng ng. CSG PSI 2% down TB d lines, etc for 33.05" at 5884 ig,swivel, BOI erof support e	Diesel 50 700, kill well of G, nipple dowr rig move. TBG 4.06 KBM, 100 P trailer, etc. to quipment. SDG	Gallons Used Pump Eng TiME DIS: 70 bbls 2% KCL. n BOP, nipple up 6 detail bottom to jointsof 2 3/8 N-8 0 WHF 118-35. R 0N	Pump Eng Type Detroit 0 FRIBUTION Operation RIH with 90 star tree and flow lines top 2 3/8 N-80 18 30 landed on hang	Series 50/Diesel Ttl Rig & Pump dds plus 1 single, s for production. F 31 joints, landed a ger. Well opened	HP 380 50 land production Rig down DUCC at 5917.11, Note to flow back tan	string on hange o well service un ch collar 1 joint a k, pumper will re	ns Used ir. Kill it, break and eturn well to
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			KOCH EXP	LORATION C	O LLC DAILY	DRILLING RE	PORT		
Well:	WHF 116-34				Date:	2/16/2012		Drilled to:	
County/ST:	Uintah, Utah				Days:	8		Drilled from:	0
Location:	Sec 34-T105	3-R19E			Rig:	DUCO		Footage:	0
Elevation:	0				Supervisor:	Brown			
			BIT DA	TA				COST DATA (L	S\$)
Bit #	Size	Make	Type	Serial #	Jets	Cond		Daily	Cumulative
			.,,,,,	33,,,,,,,			Location		\$0
							Rig move		\$0
Bit #	In	Out	Feet	Hours	WOB	RPM	Rig	\$4,115	\$32,337
Dit#		Out	1 001	Tiouis	1100	131 191	Fuel	Ψη,,,ο	\$0
				1			i		\$0 \$0
					J.		Camper		
- "	T		PUMP D	7	l <u>.</u> .	l <u>-</u>	BOPE		\$0
Pump #	Make	Model	Liner	SPM	Rate	Pressure	Bits		\$0
0	0	0	0	0			Air Equip		\$9,630
0	0	0	0	0			Equip rental	\$250	\$5,090
0	0	0	0	0			Mud		\$0
0	<u> </u>	0	0	0			Mud Logger		\$0
			SURVEY	DATA			Trucking		\$2,160
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$3,651
							Labor		\$0
							Supervision	\$1,100	\$8,800
							Core/DST	1.1,27	\$0
			MUD DA	ΔΤ.Α	ı	I	Logs		\$0
10/ajaba	\"	VD.		1	10/1	Calca			
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$0
							Fishing		\$0
% Oil	% Water	% Solids	pН	Ca	CI	LCM	Misc	\$200	\$2,050
							Casing		\$0
AIR	DATA-DRILL	ING		GAS DAT	A-DRILLING		Tubing	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$0
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$0
	Ì						Wellhead		\$0
							TOTAL	\$5,665	\$63,718
				F	uel Usage				
Rig EngType	Model	HP	Fuel Type		Pump Eng Type	Model	HP	Gallo	ns Used
Detroit	Series 50	380	Diesel		Detroit	Series 50/Diesel	380		
Donon	Total Gals	Rig Eng	50	Pump Eng	0	Ttl Rig & Pump		<u>. </u>	
	Total Gals	ING LIIG	30		TRIBUTION	Ti, Nga unp	30		
Hours	l			· · · · · · · · · · · · · · · · · · ·					
	Cafati Maatii	Mall	lavina da salas		Operation		bbio down TDC	20 bblo doug	000
07:00-15:00					ntinue production				
					3/8 TBG. TBG de				
			••••		nanger. Nipple do				w back tank
	At 9:30 AM,	well will not ur	nload, drop soa	ıp sticks to assist	well to unload, ur	nable to get well t	o flow back. SV	/I-SDON	
				·					
	·								
							•		
	<u> </u>								
			*						
		<u> </u>							
BHA DATA:									
OPERATION @	6 AM:			<u> </u>	<u> الطبقة (مقطعة وتحقيقة (متحقة المتحقة المتحقة المتحقة المتحقة والمقطة </u>	(
					EMARKS:				
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Well:	0007000000000000000000		KOCH EXP	CONTROL					
	WHF 116-34	<u> </u>			Date:	2/17/2012		Drilled to:	
ounty/ST:	Uintah,Utah				Days:	9			0
cation:	Sec 34-T105	S-R19E			Rig:	DUCO		Footage:	0
evation:	0	coccoccoccoccoccidocco			Supervisor:	Brown			************************
			BIT DA		7			COST DATA (U	
Bit #	Size	Make	Туре	Serial #	Jets	Cond		Daily	Cumulative
			<u> </u>				Location		S
							Rig move		\$
Bit #	ln .	Out	Feet	Hours	WOB	RPM	Ríg	\$3,940	\$36,27
							Fuel	<u> </u>	\$
handard san sada sada sada sada			<u> </u>	<u> </u>			Camper		\$
	1		PUMP D	T T	1	T	BOPE		\$
Pump#	Make	Model	Liner	SPM	Rate	Pressure	Bits	ļ	\$
0	0	0	0	0			Air Equip		\$9,63
0	0	0	. 0	0			Equip rental	\$250	\$5,34
0	0	0	0	0			Mud	 	\$
0	0	0	0	0			Mud Logger	1	
	, , , , , , , , , , , , , , , , , , , ,		SURVEY				Trucking	\$1,200	\$3,36
Depth	Deviation	Direction	Depth	Deviation	Direction		Water		\$3,65
							Labor	<u> </u>	\$
							Supervision	\$1,100	\$9,90
		100,000,000,000.000.000	0,00,00,00,00,00				Core/DST		\$1
			MUD DA				Logs	1	\$1
Weight	Visc	YP	PV	Gels	WL	Cake	Cement		\$
							Fishing		\$
% Oil	% Water	% Solids	pH	Ca	CI	LCM	Misc	\$200	\$2,25
	ļ						Casing		\$
	DATA-DRILL			GAS DAT	A-DRILLING		Tubing		\$
Air Rate	Foam Rate	Foam Mix	Depth	Flare	Duration	Operation	Rods		\$
							Wellhead		\$
							TOTAL	\$6,690	\$70,40
					uel Usage				
g EngType		HP	Fuel Type	Gallons Used	Pump Eng Type		HP	Gallo	ıs Used
etroit	Series 50	380	Diesel		Detroit	Series 50/Diese			
	Total Gals	Rig Eng	50	Pump Eng	0	Ttl Rig & Pump	50	**********************	64000000000000000000000000
350000000000000000000000000000000000000	****************			TIMEDIS	TRIBUTION				
11					<u> </u>				
Hours		000			Operation				
7:00-15:00	Safety Meetir			ppen well to flow t	oack tank, well flow	wing. Rig down E			
7:00-15:00	Safety Meetir			ppen well to flow t		wing. Rig down E			
7:00-15:00	Safety Meetir			ppen well to flow t	oack tank, well flow	wing. Rig down E			
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7:00-15:00	Safety Meetir			ppen well to flow t	oack tank, well flow	wing. Rig down E			
7:00-15:00 A DATA	Safety Meetir for rig move t SDON.			ppen well to flow t	oack tank, well flow	wing. Rig down E			
7:00-15:00 A DATA	Safety Meetir for rig move t SDON.			open well to flow to a unit, Rig up sur	pack tank, well flor	wing. Rig down E			
7:00-15:00	Safety Meetir for rig move t SDON.			open well to flow to a unit, Rig up sur	oack tank, well flow	wing. Rig down E			
7:00-15:00 A DATA	Safety Meetir for rig move t SDON.			open well to flow to a unit, Rig up sur	pack tank, well flor	wing. Rig down E			
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:00-15:00	Safety Meetir for rig move t SDON.			open well to flow to a unit, Rig up sur	pack tank, well flor	wing. Rig down E			
07:00-15:00	Safety Meetir for rig move t SDON.			open well to flow to a unit, Rig up sur	pack tank, well flor	wing. Rig down E			